

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009699.D
 Acq On : 04 Apr 2019 16:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:51:06 PM

Quant Time: Apr 05 08:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	524026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	205795	53.34	ug/l	0.00
Spiked Amount						
			Recovery	=	106.68%	
35) Dibromofluoromethane	7.88	113	169360	51.46	ug/l	0.00
Spiked Amount						
			Recovery	=	102.92%	
50) Toluene-d8	10.32	98	627443	51.58	ug/l	0.00
Spiked Amount						
			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	244115	53.79	ug/l	0.00
Spiked Amount						
			Recovery	=	107.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	78489	37.192	ug/l	96
3) Chloromethane	2.21	50	98701	34.725	ug/l	99
4) Vinyl Chloride	2.37	62	147821	38.940	ug/l	99
5) Bromomethane	2.78	94	110094	37.591	ug/l	97
6) Chloroethane	2.92	64	109931	39.103	ug/l	98
7) Trichlorofluoromethane	3.26	101	110058	42.432	ug/l	98
8) Diethyl Ether	3.67	74	80834	46.414	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	161337	46.361	ug/l	96
10) Methyl Iodide	4.27	142	212060	44.659	ug/l	96
11) Tert butyl alcohol	5.18	59	57761	258.198	ug/l	100
12) 1,1-Dichloroethene	4.03	96	145608	44.710	ug/l	95
13) Acrolein	3.89	56	47940	292.174	ug/l	93
14) Allyl chloride	4.65	41	249413	47.882	ug/l	97
15) Acrylonitrile	5.36	53	201529	253.152	ug/l	98
16) Acetone	4.12	43	228024	262.855	ug/l	95
17) Carbon Disulfide	4.38	76	391500	42.249	ug/l	98
18) Methyl Acetate	4.67	43	111782	53.306	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	242327	53.500	ug/l	99
20) Methylene Chloride	4.92	84	176803	52.115	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	161546	46.720	ug/l	89
22) Diisopropyl ether	6.31	45	561331	49.899	ug/l	99
23) Vinyl Acetate	6.25	43	1857133	264.633	ug/l	99
24) 1,1-Dichloroethane	6.21	63	318853	47.092	ug/l	98
25) 2-Butanone	7.17	43	325935	271.891	ug/l	98
26) 2,2-Dichloropropane	7.16	77	189267	48.893	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	182741	48.393	ug/l	95
28) Bromochloromethane	7.51	49	159788	54.462	ug/l	92
29) Tetrahydrofuran	7.52	42	200813	269.779	ug/l	99
30) Chloroform	7.67	83	337698	48.156	ug/l	99
31) Cyclohexane	7.95	56	279387	44.014	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	270581	47.662	ug/l	98
36) 1,1-Dichloropropene	8.07	75	256045	47.239	ug/l	100
37) Ethyl Acetate	7.25	43	135224	52.513	ug/l	100
38) Carbon Tetrachloride	8.06	117	259360	46.699	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009699.D
 Acq On : 04 Apr 2019 16:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:51:06 PM

Quant Time: Apr 05 08:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	296549	47.897	ug/l	97
40) Benzene	8.32	78	690929	47.062	ug/l	100
41) Methacrylonitrile	7.48	41	82920	49.490	ug/l	90
42) 1,2-Dichloroethane	8.40	62	248345	49.618	ug/l	98
43) Isopropyl Acetate	8.42	43	267547	53.015	ug/l	98
44) Trichloroethene	9.09	130	180366	47.454	ug/l	94
45) 1,2-Dichloropropane	9.37	63	180071	47.919	ug/l	98
46) Dibromomethane	9.46	93	100542	49.389	ug/l	95
47) Bromodichloromethane	9.64	83	255662	49.234	ug/l	98
48) Methyl methacrylate	9.43	41	130460	55.147	ug/l	97
49) 1,4-Dioxane	9.45	88	30478	1005.354	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	736086	272.612	ug/l	98
52) Toluene	10.38	92	447454	48.668	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	259974	51.130	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	282767	50.157	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	136877	49.744	ug/l	94
56) Ethyl methacrylate	10.65	69	183741	48.350	ug/l	96
57) 1,3-Dichloropropane	10.93	76	245333	50.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	488480	264.922	ug/l	99
59) 2-Hexanone	10.97	43	523115	279.939	ug/l	99
60) Dibromochloromethane	11.13	129	164867	49.621	ug/l	99
61) 1,2-Dibromoethane	11.23	107	130801	49.571	ug/l	98
64) Tetrachloroethene	10.86	164	151432	46.124	ug/l	96
65) Chlorobenzene	11.66	112	487196	47.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	181459	48.902	ug/l	100
67) Ethyl Benzene	11.73	91	889765	49.589	ug/l	99
68) m/p-Xylenes	11.84	106	677658	99.467	ug/l	100
69) o-Xylene	12.16	106	321939	50.742	ug/l	99
70) Styrene	12.18	104	536742	50.648	ug/l	99
71) Bromoform	12.35	173	99066	49.610	ug/l #	99
73) Isopropylbenzene	12.46	105	915773	50.678	ug/l	100
74) N-amyl acetate	12.27	43	262678	55.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	175457	51.342	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	125274m	51.303	ug/l	
77) Bromobenzene	12.75	156	201016	48.305	ug/l	95
78) n-propylbenzene	12.80	91	1128237	50.632	ug/l	100
79) 2-Chlorotoluene	12.89	91	634199	50.081	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	767724	50.448	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	56154	53.478	ug/l	96
82) 4-Chlorotoluene	12.99	91	665118	49.907	ug/l	99
83) tert-Butylbenzene	13.21	119	664394	51.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	788947	50.429	ug/l	99
85) sec-Butylbenzene	13.38	105	977377	50.008	ug/l	99
86) p-Isopropyltoluene	13.50	119	858013	50.473	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	412520	48.011	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	411974	48.004	ug/l	99
89) n-Butylbenzene	13.83	91	844541	50.332	ug/l	99
90) Hexachloroethane	14.10	117	160354	49.260	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	373455	48.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31019	49.721	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
Data File : VW009699.D
Acq On : 04 Apr 2019 16:26
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

mohammad
4/5/2019 3:51:06 PM

Quant Time: Apr 05 08:31:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	249052	50.333	ug/l	99
94) Hexachlorobutadiene	15.24	225	151025	47.526	ug/l	98
95) Naphthalene	15.37	128	490760	48.865	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	219807	49.721	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009699.D
 Acq On : 04 Apr 2019 16:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:51:06 PM

Quant Time: Apr 05 08:31:15 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

