

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005908.D
 Acq On : 08 Oct 2018 21:10
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 6.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:27:59 PM

Quant Time: Oct 09 07:33:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	404094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129477	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	127909	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.33	98	494358	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.62	95	186273	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60405	44.89	ug/l	100
3) Chloromethane	2.21	50	73561	46.47	ug/l	97
4) Vinyl Chloride	2.37	62	128922	51.30	ug/l	99
5) Bromomethane	2.79	94	108445	54.68	ug/l	99
6) Chloroethane	2.93	64	85176	53.20	ug/l	98
7) Trichlorofluoromethane	3.26	101	101533	50.90	ug/l	96
8) Diethyl Ether	3.68	74	65443	53.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122899	48.82	ug/l	99
10) Methyl Iodide	4.27	142	213977	51.97	ug/l	99
11) Tert butyl alcohol	5.22	59	43701	223.67	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	118090	48.85	ug/l	97
13) Acrolein	3.90	56	37455	215.12	ug/l	98
14) Allyl chloride	4.67	41	187613	45.51	ug/l	98
15) Acrylonitrile	5.38	53	130760	244.74	ug/l	99
16) Acetone	4.14	43	107078	201.09	ug/l	100
17) Carbon Disulfide	4.38	76	360425	49.32	ug/l	100
18) Methyl Acetate	4.67	43	67917	50.54	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	191289	50.86	ug/l	96
20) Methylene Chloride	4.91	84	126117	47.27	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	133018	50.48	ug/l	98
22) Diisopropyl ether	6.32	45	371347	48.19	ug/l	96
23) Vinyl Acetate	6.26	43	1122824	236.72	ug/l	99
24) 1,1-Dichloroethane	6.22	63	230168	48.80	ug/l	99
25) 2-Butanone	7.18	43	170297	224.85	ug/l	98
26) 2,2-Dichloropropane	7.17	77	149190	44.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	149549	50.19	ug/l	97
28) Bromochloromethane	7.51	49	82692	47.50	ug/l	96
29) Tetrahydrofuran	7.54	42	112044	234.02	ug/l	98
30) Chloroform	7.68	83	242062	49.97	ug/l	100
31) Cyclohexane	7.96	56	207385	44.44	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	212169	49.18	ug/l	99
36) 1,1-Dichloropropene	8.09	75	188859	48.78	ug/l	99
37) Ethyl Acetate	7.26	43	78871	48.10	ug/l	98
38) Carbon Tetrachloride	8.07	117	205400	49.37	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005908.D
 Acq On : 08 Oct 2018 21:10
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 6.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:27:59 PM

Quant Time: Oct 09 07:33:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	247881	48.54	ug/l	98
40) Benzene	8.33	78	531555	50.16	ug/l	100
41) Methacrylonitrile	7.49	41	51705	50.37	ug/l	97
42) 1,2-Dichloroethane	8.40	62	157061	49.06	ug/l	100
43) Isopropyl Acetate	8.43	43	167518	48.91	ug/l	99
44) Trichloroethene	9.09	130	157430	51.20	ug/l	98
45) 1,2-Dichloropropane	9.37	63	130860	49.33	ug/l	99
46) Dibromomethane	9.46	93	73737	50.58	ug/l	99
47) Bromodichloromethane	9.65	83	181958	49.60	ug/l	97
48) Methyl methacrylate	9.44	41	79738	48.87	ug/l	98
49) 1,4-Dioxane	9.47	88	23603	1065.82	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	410372	246.04	ug/l	99
52) Toluene	10.39	92	348103	50.00	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	186030	48.52	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	208850	48.46	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	103015	51.01	ug/l	98
56) Ethyl methacrylate	10.65	69	135521	49.79	ug/l	98
57) 1,3-Dichloropropane	10.93	76	170659	50.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	261640	236.26	ug/l	99
59) 2-Hexanone	10.97	43	284239	237.67	ug/l	98
60) Dibromochloromethane	11.13	129	132577	50.88	ug/l	100
61) 1,2-Dibromoethane	11.24	107	103591	51.34	ug/l	99
64) Tetrachloroethene	10.87	164	143552	52.13	ug/l	99
65) Chlorobenzene	11.66	112	396154	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	147781	50.92	ug/l	100
67) Ethyl Benzene	11.74	91	696489	49.80	ug/l	98
68) m/p-Xylenes	11.84	106	546365	99.96	ug/l	100
69) o-Xylene	12.17	106	264911	50.62	ug/l	99
70) Styrene	12.18	104	437345	50.37	ug/l	99
71) Bromoform	12.35	173	88209	51.02	ug/l #	99
73) Isopropylbenzene	12.47	105	729353	47.93	ug/l	100
74) N-amyl acetate	12.28	43	168978	46.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	121373	48.67	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	94787m	50.93	ug/l	
77) Bromobenzene	12.75	156	180514	50.07	ug/l	97
78) n-propylbenzene	12.81	91	854892	47.76	ug/l	100
79) 2-Chlorotoluene	12.90	91	485108	48.01	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	619076	48.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	39522	44.83	ug/l	99
82) 4-Chlorotoluene	12.99	91	516792	48.61	ug/l	99
83) tert-Butylbenzene	13.21	119	553866	48.48	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	638844	49.30	ug/l	100
85) sec-Butylbenzene	13.39	105	782347	48.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	707664	49.07	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	357897	49.97	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	351674	49.41	ug/l	99
89) n-Butylbenzene	13.83	91	653155	48.04	ug/l	99
90) Hexachloroethane	14.10	117	130612	48.15	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	321346	50.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21979	47.29	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Data File : VW005908.D
Acq On : 08 Oct 2018 21:10
Operator : SY/AP
Sample : VSTDCCC050
Misc : 6.68G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
10/9/2018 4:27:59 PM

Quant Time: Oct 09 07:33:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	246011	49.90	ug/l	100
94) Hexachlorobutadiene	15.24	225	152166	49.45	ug/l	99
95) Naphthalene	15.38	128	433900	51.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	215131	50.39	ug/l	99

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

