

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012266.D
 Acq On : 28 Aug 2019 20:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:46 AM

Quant Time: Aug 29 07:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	151883	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	135231	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	106878	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	10.32	98	426986	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	153015	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66841	48.711	ug/l	94
3) Chloromethane	2.21	50	108575	51.072	ug/l	99
4) Vinyl Chloride	2.36	62	129798	49.884	ug/l	99
5) Bromomethane	2.77	94	68257	51.797	ug/l	97
6) Chloroethane	2.92	64	77142	52.554	ug/l	94
7) Trichlorofluoromethane	3.26	101	70856	54.231	ug/l	99
8) Diethyl Ether	3.68	74	70575	56.908	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116864	52.621	ug/l	99
10) Methyl Iodide	4.27	142	162091	53.942	ug/l	99
11) Tert butyl alcohol	5.18	59	51795	324.885	ug/l	100
12) 1,1-Dichloroethene	4.04	96	115568	51.701	ug/l	99
13) Acrolein	3.89	56	37335	248.783	ug/l	98
14) Allyl chloride	4.67	41	259463	54.295	ug/l	99
15) Acrylonitrile	5.36	53	193341	314.528	ug/l	99
16) Acetone	4.12	43	175966	259.850	ug/l	99
17) Carbon Disulfide	4.38	76	344481	50.992	ug/l	100
18) Methyl Acetate	4.67	43	107380	64.021	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	217017	60.035	ug/l	99
20) Methylene Chloride	4.92	84	136696	53.396	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	127416	53.156	ug/l	95
22) Diisopropyl ether	6.31	45	500391	56.491	ug/l	98
23) Vinyl Acetate	6.25	43	1626984	298.459	ug/l	100
24) 1,1-Dichloroethane	6.21	63	258538	53.606	ug/l	100
25) 2-Butanone	7.17	43	272575	296.209	ug/l	99
26) 2,2-Dichloropropane	7.17	77	140887	51.610	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140763	54.964	ug/l	99
28) Bromochloromethane	7.51	49	106686	50.752	ug/l #	24
29) Tetrahydrofuran	7.52	42	179498	325.125	ug/l	99
30) Chloroform	7.67	83	236419	53.579	ug/l	100
31) Cyclohexane	7.95	56	234394	49.122	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186475	53.421	ug/l	99
36) 1,1-Dichloropropene	8.08	75	194366	52.297	ug/l	99
37) Ethyl Acetate	7.25	43	122685	60.239	ug/l	98
38) Carbon Tetrachloride	8.07	117	167721	52.139	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012266.D
 Acq On : 28 Aug 2019 20:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 9:41:46 AM

Quant Time: Aug 29 07:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	220206	52.741	ug/l	99
40) Benzene	8.32	78	534269	52.646	ug/l	100
41) Methacrylonitrile	7.48	41	76773	64.138	ug/l	95
42) 1,2-Dichloroethane	8.40	62	174511	54.868	ug/l	98
43) Isopropyl Acetate	8.42	43	231498	61.365	ug/l	98
44) Trichloroethene	9.09	130	130912	53.065	ug/l	99
45) 1,2-Dichloropropane	9.37	63	147904	54.153	ug/l	98
46) Dibromomethane	9.46	93	69227	56.967	ug/l	99
47) Bromodichloromethane	9.64	83	177739	54.957	ug/l	98
48) Methyl methacrylate	9.43	41	110488	61.536	ug/l	99
49) 1,4-Dioxane	9.45	88	23999	1290.035	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	602723	314.116	ug/l	100
52) Toluene	10.38	92	328537	53.889	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187366	56.874	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	220664	55.474	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99592	57.924	ug/l	99
56) Ethyl methacrylate	10.65	69	155627	62.192	ug/l	98
57) 1,3-Dichloropropane	10.93	76	185468	57.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	376111	292.860	ug/l	99
59) 2-Hexanone	10.97	43	411569	303.144	ug/l	99
60) Dibromochloromethane	11.13	129	110038	57.459	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93261	58.223	ug/l	99
64) Tetrachloroethene	10.86	164	110169	54.047	ug/l	99
65) Chlorobenzene	11.66	112	330689	53.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	118977	55.088	ug/l	100
67) Ethyl Benzene	11.73	91	635961	53.326	ug/l	98
68) m/p-Xylenes	11.84	106	455776	106.097	ug/l	100
69) o-Xylene	12.16	106	217449	54.691	ug/l	99
70) Styrene	12.18	104	378919	55.060	ug/l	100
71) Bromoform	12.35	173	63870	59.355	ug/l	99
73) Isopropylbenzene	12.46	105	605340	53.190	ug/l	99
74) N-amyl acetate	12.27	43	206695	60.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121939	58.444	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81907m	55.371	ug/l	
77) Bromobenzene	12.74	156	132523	53.825	ug/l	99
78) n-propylbenzene	12.80	91	730467	52.576	ug/l	99
79) 2-Chlorotoluene	12.89	91	415819	52.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	505028	53.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40276	59.698	ug/l	98
82) 4-Chlorotoluene	12.99	91	434308	52.584	ug/l	100
83) tert-Butylbenzene	13.21	119	436813	54.225	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	501369	52.484	ug/l	100
85) sec-Butylbenzene	13.38	105	608572	52.731	ug/l	99
86) p-Isopropyltoluene	13.50	119	550795	53.440	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252431	52.417	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	252049	52.711	ug/l	100
89) n-Butylbenzene	13.82	91	533196	52.022	ug/l	99
90) Hexachloroethane	14.09	117	96231	53.216	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	226744	53.671	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21446	60.971	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012266.D
Acq On : 28 Aug 2019 20:50
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/29/2019 9:41:46 AM

Quant Time: Aug 29 07:04:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	159199	54.529	ug/l	100
94) Hexachlorobutadiene	15.24	225	102444	53.141	ug/l	97
95) Naphthalene	15.36	128	323647	55.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141553	55.571	ug/l	99

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

