

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067802.D
 Acq On : 25 Nov 2020 22:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:59:03 AM

Quant Time: Nov 26 03:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	231213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	348644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	326735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	125543	55.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.68%
35) Dibromofluoromethane	7.92	113	121715	54.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.72%
50) Toluene-d8	10.34	98	428533	52.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.66%
62) 4-Bromofluorobenzene	12.64	95	148045	53.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.78%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	101101	50.246	ug/l	97
3) Chloromethane	2.21	50	58652	52.360	ug/l	99
4) Vinyl Chloride	2.36	62	69645	49.617	ug/l	93
5) Bromomethane	2.77	94	65206	54.525	ug/l	98
6) Chloroethane	2.93	64	49681	53.106	ug/l	96
7) Trichlorofluoromethane	3.28	101	211731	49.431	ug/l	98
8) Diethyl Ether	3.71	74	44944	51.970	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97194	47.386	ug/l	99
10) Methyl Iodide	4.30	142	112678	53.671	ug/l	98
11) Tert butyl alcohol	5.22	59	31999	275.056	ug/l	98
12) 1,1-Dichloroethene	4.07	96	94720	49.907	ug/l	97
13) Acrolein	3.93	56	20058	215.254	ug/l	90
14) Allyl chloride	4.71	41	97640	53.220	ug/l	98
15) Acrylonitrile	5.42	53	81280	269.851	ug/l	96
16) Acetone	4.16	43	69867	240.566	ug/l	97
17) Carbon Disulfide	4.41	76	268907	48.987	ug/l	99
18) Methyl Acetate	4.72	43	32350	55.366	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	228348	56.296	ug/l	96
20) Methylene Chloride	4.97	84	121237	56.029	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	112185	51.991	ug/l	96
22) Diisopropyl ether	6.37	45	197561	54.552	ug/l	94
23) Vinyl Acetate	6.31	43	571597	279.803	ug/l	99
24) 1,1-Dichloroethane	6.27	63	165317	53.842	ug/l	99
25) 2-Butanone	7.21	43	82758	253.935	ug/l	96
26) 2,2-Dichloropropane	7.21	77	177143	48.905	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	125707	54.656	ug/l	97
28) Bromochloromethane	7.55	49	54785	55.703	ug/l	96
29) Tetrahydrofuran	7.57	42	51295	276.828	ug/l	97
30) Chloroform	7.71	83	216685	53.968	ug/l	97
31) Cyclohexane	7.99	56	120198	44.188	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	217905	51.246	ug/l	99
36) 1,1-Dichloropropene	8.12	75	145518	48.640	ug/l	98
37) Ethyl Acetate	7.29	43	40131	49.886	ug/l	97
38) Carbon Tetrachloride	8.10	117	210279	48.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	169822	47.965	ug/l	98
40) Benzene	8.36	78	412477	50.200	ug/l	96
41) Methacrylonitrile	7.53	41	21307	51.869	ug/l	92
42) 1,2-Dichloroethane	8.43	62	143250	51.381	ug/l	100
43) Isopropyl Acetate	8.46	43	81221	50.557	ug/l	97
44) Trichloroethene	9.11	130	137830	50.612	ug/l	97
45) 1,2-Dichloropropane	9.39	63	85288	50.586	ug/l	99
46) Dibromomethane	9.48	93	59053	51.447	ug/l	94
47) Bromodichloromethane	9.67	83	168338	52.666	ug/l	95
48) Methyl methacrylate	9.46	41	38476	47.905	ug/l	90
49) 1,4-Dioxane	9.47	88	12883	1035.655	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	192579	254.748	ug/l	94
52) Toluene	10.41	92	289229	51.888	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	144491	51.742	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	158785	50.243	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	80337	52.163	ug/l	93
56) Ethyl methacrylate	10.67	69	84876	53.229	ug/l	99
57) 1,3-Dichloropropane	10.95	76	128358	52.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	218377	293.108	ug/l	98
59) 2-Hexanone	10.99	43	135032	252.997	ug/l	98
60) Dibromochloromethane	11.14	129	122119	52.034	ug/l	100
61) 1,2-Dibromoethane	11.25	107	77822	51.282	ug/l	95
64) Tetrachloroethene	10.88	164	122241	48.204	ug/l	92
65) Chlorobenzene	11.67	112	326865	50.900	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	134175	51.653	ug/l	98
67) Ethyl Benzene	11.75	91	554719	50.037	ug/l	99
68) m/p-Xylenes	11.86	106	434969	100.823	ug/l	99
69) o-Xylene	12.18	106	197483	50.276	ug/l	96
70) Styrene	12.20	104	349365	52.217	ug/l	98
71) Bromoform	12.37	173	71648	50.809	ug/l	# 99
73) Isopropylbenzene	12.48	105	560282	51.866	ug/l	99
74) N-amyl acetate	12.29	43	72250	50.718	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	73714	50.846	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	59629m	52.111	ug/l	
77) Bromobenzene	12.77	156	142611	52.739	ug/l	99
78) n-propylbenzene	12.83	91	624705	51.980	ug/l	100
79) 2-Chlorotoluene	12.91	91	364940	51.288	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	493392	52.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23946	48.947	ug/l	93
82) 4-Chlorotoluene	13.01	91	389071	51.316	ug/l	100
83) tert-Butylbenzene	13.23	119	420456	52.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	493144	52.542	ug/l	99
85) sec-Butylbenzene	13.41	105	531272	50.089	ug/l	100
86) p-Isopropyltoluene	13.52	119	519001	50.519	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	261870	50.038	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	254046	49.004	ug/l	98
89) n-Butylbenzene	13.84	91	436354	49.565	ug/l	99
90) Hexachloroethane	14.11	117	96367	49.276	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	228520	50.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14939	47.796	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	162768	50.991	ug/l	99
94) Hexachlorobutadiene	15.27	225	103556	50.774	ug/l	94
95) Naphthalene	15.40	128	266424	51.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	139663	51.365	ug/l	98

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

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Data File : VD067802.D
Acq On : 25 Nov 2020 22:03
Operator : VA/SY
Sample : VSTDC0050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDC0050EC

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