

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051320\
 Data File : VD065732.D
 Acq On : 13 May 2020 14:54
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051320

Quant Time: May 13 16:32:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	396084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	582718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	504207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	145587	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.91	113	153845	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.34	98	608135	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.64	95	199274	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	135397	52.103	ug/l	100
3) Chloromethane	2.21	50	184402	49.512	ug/l	98
4) Vinyl Chloride	2.35	62	206138	51.115	ug/l	98
5) Bromomethane	2.77	94	131306	49.279	ug/l	98
6) Chloroethane	2.93	64	130389	49.848	ug/l	100
7) Trichlorofluoromethane	3.27	101	287776	51.617	ug/l	93
8) Diethyl Ether	3.71	74	76204	47.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	174741	50.991	ug/l	99
10) Methyl Iodide	4.30	142	174460	48.734	ug/l	99
11) Tert butyl alcohol	5.21	59	56669	214.002	ug/l	100
12) 1,1-Dichloroethene	4.07	96	168182	51.743	ug/l	97
13) Acrolein	3.92	56	37622	210.611	ug/l	99
14) Allyl chloride	4.71	41	272153	48.427	ug/l	99
15) Acrylonitrile	5.42	53	164868	232.967	ug/l	100
16) Acetone	4.16	43	171041	261.248	ug/l	99
17) Carbon Disulfide	4.40	76	513341	50.005	ug/l	100
18) Methyl Acetate	4.71	43	72624	47.313	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	353701	46.644	ug/l	100
20) Methylene Chloride	4.96	84	168073	45.503	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	183644	49.073	ug/l	98
22) Diisopropyl ether	6.36	45	514696	48.106	ug/l	94
23) Vinyl Acetate	6.30	43	1518066	241.231	ug/l	99
24) 1,1-Dichloroethane	6.26	63	307333	49.060	ug/l	98
25) 2-Butanone	7.21	43	220566	235.676	ug/l	94
26) 2,2-Dichloropropane	7.21	77	289193	49.738	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	197304	48.111	ug/l	99
28) Bromochloromethane	7.54	49	123014	47.761	ug/l	99
29) Tetrahydrofuran	7.56	42	136125	229.409	ug/l	99
30) Chloroform	7.71	83	309733	48.923	ug/l	99
31) Cyclohexane	7.98	56	303580	47.874	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	296709	50.030	ug/l	98
36) 1,1-Dichloropropene	8.11	75	259469	51.273	ug/l	99
37) Ethyl Acetate	7.30	43	99185	45.750	ug/l	99
38) Carbon Tetrachloride	8.10	117	277068	51.620	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	334027	51.505	ug/l	97
40) Benzene	8.35	78	695148	49.955	ug/l	100
41) Methacrylonitrile	7.53	41	58378	48.894	ug/l #	91
42) 1,2-Dichloroethane	8.43	62	186874	48.231	ug/l	99
43) Isopropyl Acetate	8.45	43	201795	46.961	ug/l	100
44) Trichloroethene	9.11	130	207134	49.720	ug/l	98
45) 1,2-Dichloropropane	9.39	63	167320	48.768	ug/l	100
46) Dibromomethane	9.48	93	88240	47.696	ug/l	99
47) Bromodichloromethane	9.66	83	236170	48.770	ug/l	95
48) Methyl methacrylate	9.46	41	97360	48.269	ug/l	97
49) 1,4-Dioxane	9.46	88	19599	897.854	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	478123	232.512	ug/l	100
52) Toluene	10.40	92	455950	50.014	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	229877	48.591	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	271516	48.251	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	119696	47.493	ug/l	95
56) Ethyl methacrylate	10.66	69	158858	48.361	ug/l	97
57) 1,3-Dichloropropane	10.95	76	209452	47.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	361724	236.697	ug/l	99
59) 2-Hexanone	10.98	43	338218	241.530	ug/l	99
60) Dibromochloromethane	11.14	129	162934	48.277	ug/l	98
61) 1,2-Dibromoethane	11.25	107	119644	47.532	ug/l	98
64) Tetrachloroethene	10.88	164	175068	50.213	ug/l	99
65) Chlorobenzene	11.67	112	474199	49.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	177015	49.762	ug/l	99
67) Ethyl Benzene	11.75	91	874753	51.634	ug/l	98
68) m/p-Xylenes	11.86	106	664752	102.736	ug/l	99
69) o-Xylene	12.18	106	307161	50.994	ug/l	98
70) Styrene	12.20	104	517817	50.373	ug/l	99
71) Bromoform	12.37	173	97132	49.474	ug/l #	100
73) Isopropylbenzene	12.48	105	851595	51.936	ug/l	100
74) N-amyl acetate	12.29	43	184595	48.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	128597	49.551	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	78447m	43.036	ug/l	
77) Bromobenzene	12.77	156	201938	51.094	ug/l	97
78) n-propylbenzene	12.83	91	989604	51.666	ug/l	100
79) 2-Chlorotoluene	12.91	91	541193	51.065	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	693176	51.306	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	45765	49.256	ug/l	98
82) 4-Chlorotoluene	13.01	91	567922	50.828	ug/l	99
83) tert-Butylbenzene	13.23	119	620612	51.803	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	684658	51.385	ug/l	99
85) sec-Butylbenzene	13.41	105	856623	52.548	ug/l	100
86) p-Isopropyltoluene	13.53	119	788743	52.639	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	376761	50.826	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	366170	49.592	ug/l	98
89) n-Butylbenzene	13.85	91	742481	52.991	ug/l	100
90) Hexachloroethane	14.12	117	154873	52.832	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	322469	50.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	20470	47.167	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	252148	51.694	ug/l	99
94) Hexachlorobutadiene	15.28	225	153863	52.614	ug/l	99
95) Naphthalene	15.41	128	407049	50.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	212211	51.028	ug/l	99

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

