

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051520\
 Data File : VD065748.D
 Acq On : 15 May 2020 13:14
 Operator : VA/SY
 Sample : VD0515SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Quant Time: May 15 19:28:18 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	322849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	489249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	439864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216922	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	135657	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
35) Dibromofluoromethane	7.91	113	143354	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
50) Toluene-d8	10.34	98	540004	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.64	95	181371	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	40465	19.104	ug/l	97
3) Chloromethane	2.21	50	61385	20.220	ug/l	99
4) Vinyl Chloride	2.35	62	68029	20.696	ug/l	98
5) Bromomethane	2.76	94	45503	20.951	ug/l	89
6) Chloroethane	2.92	64	47152	22.115	ug/l	99
7) Trichlorofluoromethane	3.27	101	93975	20.680	ug/l	94
8) Diethyl Ether	3.71	74	27084	20.742	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58119	20.807	ug/l	99
10) Methyl Iodide	4.30	142	53071	18.188	ug/l	100
11) Tert butyl alcohol	5.21	59	23039	68.937	ug/l	96
12) 1,1-Dichloroethene	4.07	96	54530	20.583	ug/l	91
13) Acrolein	3.93	56	17618	112.566	ug/l	98
14) Allyl chloride	4.71	41	91430	19.960	ug/l	96
15) Acrylonitrile	5.43	53	60010	104.032	ug/l	99
16) Acetone	4.16	43	48848	91.535	ug/l	90
17) Carbon Disulfide	4.40	76	167981	20.075	ug/l	98
18) Methyl Acetate	4.71	43	28700	21.384	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	132532	21.442	ug/l	92
20) Methylene Chloride	4.96	84	64084	21.285	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	61925	20.301	ug/l	97
22) Diisopropyl ether	6.36	45	187068	21.450	ug/l #	91
23) Vinyl Acetate	6.30	43	529202	103.169	ug/l	100
24) 1,1-Dichloroethane	6.26	63	107331	21.020	ug/l	99
25) 2-Butanone	7.21	43	77371	101.425	ug/l	98
26) 2,2-Dichloropropane	7.21	77	97670	20.609	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	69453	20.777	ug/l	99
28) Bromochloromethane	7.55	49	41496	19.766	ug/l	99
29) Tetrahydrofuran	7.56	42	49900	103.172	ug/l	100
30) Chloroform	7.71	83	111524	21.611	ug/l	100
31) Cyclohexane	7.98	56	106550	20.614	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	101221	20.939	ug/l	100
36) 1,1-Dichloropropene	8.11	75	88926	20.930	ug/l	98
37) Ethyl Acetate	7.30	43	36123	19.845	ug/l	98
38) Carbon Tetrachloride	8.10	117	94481	20.966	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	111227	20.427	ug/l	98
40) Benzene	8.35	78	243604	20.850	ug/l	99
41) Methacrylonitrile	7.53	41	17885m	17.841	ug/l	
42) 1,2-Dichloroethane	8.43	62	71285	21.913	ug/l	100
43) Isopropyl Acetate	8.46	43	74730	20.714	ug/l	99
44) Trichloroethene	9.11	130	71618	20.475	ug/l	98
45) 1,2-Dichloropropane	9.39	63	61191	21.242	ug/l	97
46) Dibromomethane	9.48	93	31828	20.491	ug/l	98
47) Bromodichloromethane	9.67	83	85249	20.968	ug/l	96
48) Methyl methacrylate	9.46	41	36081	21.306	ug/l	98
49) 1,4-Dioxane	9.46	88	6953	379.378	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	176875	102.447	ug/l	100
52) Toluene	10.40	92	159841	20.883	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	83104	20.923	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	100216	21.212	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	45138	21.332	ug/l	94
56) Ethyl methacrylate	10.66	69	56249	20.395	ug/l #	94
57) 1,3-Dichloropropane	10.95	76	77712	21.115	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	131030	102.121	ug/l	100
59) 2-Hexanone	10.98	43	117474	99.918	ug/l	99
60) Dibromochloromethane	11.14	129	60664	21.409	ug/l	97
61) 1,2-Dibromoethane	11.25	107	43350	20.512	ug/l	99
64) Tetrachloroethene	10.88	164	61903	20.352	ug/l	97
65) Chlorobenzene	11.67	112	171140	20.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	64660	20.836	ug/l	98
67) Ethyl Benzene	11.75	91	310809	21.030	ug/l	97
68) m/p-Xylenes	11.86	106	233428	41.353	ug/l	99
69) o-Xylene	12.18	106	109266	20.793	ug/l	97
70) Styrene	12.20	104	187394	20.896	ug/l	99
71) Bromoform	12.37	173	35903	20.962	ug/l #	98
73) Isopropylbenzene	12.48	105	300497	20.634	ug/l	99
74) N-amyl acetate	12.30	43	68063	20.130	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	47573	20.640	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	30718m	18.975	ug/l	
77) Bromobenzene	12.77	156	73580	20.962	ug/l	96
78) n-propylbenzene	12.83	91	351068	20.637	ug/l	99
79) 2-Chlorotoluene	12.91	91	194583	20.673	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	243855	20.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	16200	19.632	ug/l	98
82) 4-Chlorotoluene	13.01	91	205625	20.721	ug/l	100
83) tert-Butylbenzene	13.23	119	213492	20.065	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	240179	20.296	ug/l	100
85) sec-Butylbenzene	13.41	105	299678	20.699	ug/l	100
86) p-Isopropyltoluene	13.53	119	273031	20.517	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	136257	20.696	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	135122	20.605	ug/l	97
89) n-Butylbenzene	13.85	91	254417	20.445	ug/l	99
90) Hexachloroethane	14.12	117	51562	19.805	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	118308	20.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	7580	19.666	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	86940	20.069	ug/l	97
94) Hexachlorobutadiene	15.28	225	51116	19.681	ug/l	98
95) Naphthalene	15.41	128	140672	19.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73782	19.976	ug/l	99

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

