

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067029.D
 Acq On : 02 Oct 2020 12:21
 Operator : VA/SY
 Sample : VD1002SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:25 PM

Quant Time: Oct 03 04:58:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	464538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	706882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	657874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209606	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.91	113	230380	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	10.34	98	857374	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.63	95	291466	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	97535	23.448	ug/l	94
3) Chloromethane	2.21	50	74152	20.044	ug/l	94
4) Vinyl Chloride	2.35	62	74570	20.103	ug/l	100
5) Bromomethane	2.76	94	55429	20.639	ug/l	98
6) Chloroethane	2.91	64	44810	19.836	ug/l	95
7) Trichlorofluoromethane	3.27	101	167793	20.360	ug/l	95
8) Diethyl Ether	3.71	74	40242	19.691	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	95334	20.466	ug/l	98
10) Methyl Iodide	4.30	142	80485	17.782	ug/l	99
11) Tert butyl alcohol	5.21	59	33814	99.746	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	86534	19.761	ug/l	95
13) Acrolein	3.91	56	27208	90.813	ug/l	97
14) Allyl chloride	4.71	41	111480	19.596	ug/l	99
15) Acrylonitrile	5.41	53	74015	98.401	ug/l	96
16) Acetone	4.16	43	65749	96.262	ug/l	92
17) Carbon Disulfide	4.41	76	272853	20.303	ug/l	98
18) Methyl Acetate	4.71	43	34074	19.849	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	151606	18.965	ug/l	96
20) Methylene Chloride	4.96	84	112983	18.766	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	98619	19.789	ug/l	97
22) Diisopropyl ether	6.36	45	212576	20.468	ug/l #	97
23) Vinyl Acetate	6.30	43	572922	97.349	ug/l	99
24) 1,1-Dichloroethane	6.26	63	162047	20.218	ug/l	98
25) 2-Butanone	7.21	43	90425	93.379	ug/l	98
26) 2,2-Dichloropropane	7.21	77	150195	19.389	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	106139	19.942	ug/l	99
28) Bromochloromethane	7.54	49	56444	18.235	ug/l	99
29) Tetrahydrofuran	7.56	42	54425	97.746	ug/l	100
30) Chloroform	7.71	83	177751	20.443	ug/l	99
31) Cyclohexane	7.98	56	133860	19.921	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	164064	20.360	ug/l	99
36) 1,1-Dichloropropene	8.11	75	138308	20.991	ug/l	99
37) Ethyl Acetate	7.29	43	43701	19.145	ug/l	96
38) Carbon Tetrachloride	8.09	117	151186	21.207	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	143272	20.567	ug/l	93
40) Benzene	8.34	78	377652	20.635	ug/l	98
41) Methacrylonitrile	7.53	41	25309m	20.524	ug/l	
42) 1,2-Dichloroethane	8.42	62	102919	20.125	ug/l	100
43) Isopropyl Acetate	8.45	43	81860	19.467	ug/l	97
44) Trichloroethene	9.11	130	114485	20.949	ug/l	99
45) 1,2-Dichloropropane	9.38	63	90360	21.014	ug/l	93
46) Dibromomethane	9.47	93	51109	20.680	ug/l	98
47) Bromodichloromethane	9.66	83	133742	20.818	ug/l	98
48) Methyl methacrylate	9.45	41	43842	20.351	ug/l	92
49) 1,4-Dioxane	9.46	88	9562	370.704	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	209090	99.828	ug/l	98
52) Toluene	10.40	92	251656	21.347	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	117683	20.496	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	142517	20.327	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	69874	20.335	ug/l	92
56) Ethyl methacrylate	10.66	69	73881	20.826	ug/l	98
57) 1,3-Dichloropropane	10.94	76	116472	20.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	199759	101.169	ug/l	100
59) 2-Hexanone	10.98	43	139851	100.039	ug/l	98
60) Dibromochloromethane	11.14	129	95437	20.839	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67107	20.329	ug/l	96
64) Tetrachloroethene	10.87	164	97856	20.460	ug/l	97
65) Chlorobenzene	11.67	112	270772	20.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	103059	20.707	ug/l	99
67) Ethyl Benzene	11.74	91	466653	20.815	ug/l	99
68) m/p-Xylenes	11.86	106	366382	41.935	ug/l	98
69) o-Xylene	12.18	106	161723	20.699	ug/l	96
70) Styrene	12.20	104	282236	21.037	ug/l	99
71) Bromoform	12.36	173	52802	20.438	ug/l #	100
73) Isopropylbenzene	12.48	105	459744	21.186	ug/l	99
74) N-amyl acetate	12.29	43	75613	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	73536	20.113	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	58180m	20.901	ug/l	
77) Bromobenzene	12.76	156	107028	20.426	ug/l	99
78) n-propylbenzene	12.82	91	536221	20.909	ug/l	100
79) 2-Chlorotoluene	12.91	91	300918	20.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	386220	21.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21692	19.428	ug/l	98
82) 4-Chlorotoluene	13.01	91	322335	20.648	ug/l	100
83) tert-Butylbenzene	13.23	119	325035	21.053	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	382896	20.927	ug/l	99
85) sec-Butylbenzene	13.41	105	453773	20.871	ug/l	99
86) p-Isopropyltoluene	13.52	119	420070	20.840	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	212555	20.826	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	209369	20.516	ug/l	99
89) n-Butylbenzene	13.85	91	379975	20.626	ug/l	98
90) Hexachloroethane	14.11	117	72037	20.402	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	182857	20.515	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10655	18.079	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114258	19.818	ug/l	100
94) Hexachlorobutadiene	15.27	225	71123	20.087	ug/l	98
95) Naphthalene	15.41	128	178071	18.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	97966	19.574	ug/l	96

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

