

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067464.D
 Acq On : 30 Oct 2020 11:11
 Operator : VA/SY
 Sample : VD1030SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1030SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:09:32 PM

Quant Time: Oct 30 11:25:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	306498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	446773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	420763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	144182	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	7.92	113	145670	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.34	98	537051	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.64	95	185853	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	50288	17.607	ug/l	93
3) Chloromethane	2.21	50	33282	17.254	ug/l	97
4) Vinyl Chloride	2.35	62	39298	18.568	ug/l	92
5) Bromomethane	2.77	94	32491	20.683	ug/l	98
6) Chloroethane	2.93	64	24510	18.595	ug/l	94
7) Trichlorofluoromethane	3.27	101	105849	19.861	ug/l	97
8) Diethyl Ether	3.71	74	23944	19.634	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	57284	20.231	ug/l	99
10) Methyl Iodide	4.30	142	50917	19.494	ug/l	97
11) Tert butyl alcohol	5.21	59	19702	95.172	ug/l #	95
12) 1,1-Dichloroethene	4.08	96	50723	20.052	ug/l	91
13) Acrolein	3.93	56	7919	61.075	ug/l	93
14) Allyl chloride	4.72	41	53565	18.491	ug/l	96
15) Acrylonitrile	5.43	53	40255	98.927	ug/l	99
16) Acetone	4.16	43	43362	100.831	ug/l	100
17) Carbon Disulfide	4.41	76	130757	18.132	ug/l	98
18) Methyl Acetate	4.72	43	17923	18.272	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	97858	19.455	ug/l	91
20) Methylene Chloride	4.97	84	63987	20.588	ug/l	91
21) trans-1,2-Dichloroethene	5.48	96	59023	20.276	ug/l	98
22) Diisopropyl ether	6.37	45	108088	20.425	ug/l #	96
23) Vinyl Acetate	6.31	43	296569	98.507	ug/l	95
24) 1,1-Dichloroethane	6.27	63	94920	20.954	ug/l	97
25) 2-Butanone	7.22	43	46717	95.300	ug/l	91
26) 2,2-Dichloropropane	7.21	77	97241	20.827	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	67242	21.077	ug/l	98
28) Bromochloromethane	7.56	49	28981	18.757	ug/l #	97
29) Tetrahydrofuran	7.57	42	25120	92.185	ug/l	93
30) Chloroform	7.71	83	114640	21.185	ug/l	96
31) Cyclohexane	7.99	56	67635	19.124	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	108535	20.442	ug/l	96
36) 1,1-Dichloropropene	8.11	75	79761	21.063	ug/l	98
37) Ethyl Acetate	7.30	43	20581	18.473	ug/l #	73
38) Carbon Tetrachloride	8.10	117	103456	21.376	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	78533	19.838	ug/l	97
40) Benzene	8.36	78	217362	20.924	ug/l	94
41) Methacrylonitrile	7.53	41	13482	22.393	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	68034	20.927	ug/l	99
43) Isopropyl Acetate	8.46	43	43286	19.580	ug/l	98
44) Trichloroethene	9.12	130	70962	21.335	ug/l	94
45) 1,2-Dichloropropane	9.39	63	48399	20.103	ug/l	99
46) Dibromomethane	9.48	93	30140	20.093	ug/l	98
47) Bromodichloromethane	9.67	83	86454	21.511	ug/l #	97
48) Methyl methacrylate	9.46	41	19945	18.565	ug/l	92
49) 1,4-Dioxane	9.47	88	6191	408.518	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	111215	100.864	ug/l	97
52) Toluene	10.41	92	154181	21.791	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	74659	21.147	ug/l	95
54) cis-1,3-Dichloropropene	10.10	75	85753	20.755	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	42713	20.881	ug/l	96
56) Ethyl methacrylate	10.67	69	42132	19.860	ug/l	99
57) 1,3-Dichloropropane	10.96	76	68075	20.912	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	111678	102.618	ug/l	98
59) 2-Hexanone	10.99	43	75219	99.832	ug/l	100
60) Dibromochloromethane	11.14	129	62344	20.899	ug/l	99
61) 1,2-Dibromoethane	11.26	107	41795	20.726	ug/l	99
64) Tetrachloroethene	10.88	164	63595	20.861	ug/l	95
65) Chlorobenzene	11.68	112	172094	21.329	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	70200	21.891	ug/l	99
67) Ethyl Benzene	11.75	91	288663	20.871	ug/l	99
68) m/p-Xylenes	11.86	106	235083	44.138	ug/l	95
69) o-Xylene	12.18	106	103204	20.925	ug/l	99
70) Styrene	12.20	104	182009	21.438	ug/l	100
71) Bromoform	12.37	173	35010	20.322	ug/l #	97
73) Isopropylbenzene	12.48	105	293485	21.719	ug/l	99
74) N-amyl acetate	12.30	43	40597	19.892	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	42637	20.593	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	27424m	18.584	ug/l	
77) Bromobenzene	12.77	156	72790	21.607	ug/l	99
78) n-propylbenzene	12.83	91	344060	21.976	ug/l	100
79) 2-Chlorotoluene	12.91	91	196511	21.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	252746	21.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13266	20.386	ug/l	92
82) 4-Chlorotoluene	13.01	91	208577	21.645	ug/l	100
83) tert-Butylbenzene	13.23	119	213063	21.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	252175	21.728	ug/l	99
85) sec-Butylbenzene	13.41	105	293354	21.554	ug/l	100
86) p-Isopropyltoluene	13.52	119	279928	21.790	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	139191	21.466	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	140409	21.856	ug/l	99
89) n-Butylbenzene	13.85	91	236092	20.890	ug/l	99
90) Hexachloroethane	14.12	117	48286	21.539	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	121429	21.436	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.52	75	7241	19.251	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	81542	21.350	ug/l	98
94) Hexachlorobutadiene	15.28	225	52613	22.184	ug/l	97
95) Naphthalene	15.41	128	124021	19.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	68554	20.777	ug/l	100

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

