

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067186.D
 Acq On : 08 Oct 2020 11:24
 Operator : VA/SY
 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:22:30 PM

Quant Time: Oct 08 16:32:09 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	354385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	531149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	501876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	176375	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.91	113	181761	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.34	98	667249	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.64	95	237307	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79173	25.303	ug/l	94
3) Chloromethane	2.21	50	52879	18.736	ug/l	92
4) Vinyl Chloride	2.35	62	55704	19.684	ug/l	99
5) Bromomethane	2.76	94	41022	19.880	ug/l	94
6) Chloroethane	2.91	64	33624	19.511	ug/l	93
7) Trichlorofluoromethane	3.27	101	134025	21.317	ug/l	94
8) Diethyl Ether	3.71	74	30999	19.883	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73618	20.716	ug/l	98
10) Methyl Iodide	4.29	142	61981	17.950	ug/l	96
11) Tert butyl alcohol	5.21	59	25775	99.616	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	66755	19.982	ug/l	97
13) Acrolein	3.92	56	18055	78.994	ug/l	97
14) Allyl chloride	4.71	41	77961	17.964	ug/l	91
15) Acrylonitrile	5.43	53	57161	99.615	ug/l	95
16) Acetone	4.16	43	53071	101.852	ug/l	99
17) Carbon Disulfide	4.41	76	193659	18.889	ug/l	98
18) Methyl Acetate	4.73	43	25004	19.093	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	128885	21.134	ug/l #	91
20) Methylene Chloride	4.97	84	85361	18.503	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	75901	19.964	ug/l	97
22) Diisopropyl ether	6.36	45	151088	19.069	ug/l #	96
23) Vinyl Acetate	6.30	43	418908	93.304	ug/l	99
24) 1,1-Dichloroethane	6.26	63	119788	19.591	ug/l	99
25) 2-Butanone	7.21	43	67329	91.140	ug/l	99
26) 2,2-Dichloropropane	7.20	77	117130	19.920	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	84791	20.883	ug/l	97
28) Bromochloromethane	7.54	49	42264	17.898	ug/l	85
29) Tetrahydrofuran	7.56	42	38626	90.934	ug/l	92
30) Chloroform	7.71	83	141753	21.371	ug/l	89
31) Cyclohexane	7.98	56	91550	17.859	ug/l	83
32) 1,1,1-Trichloroethane	7.90	97	133716	21.752	ug/l	98
36) 1,1-Dichloropropene	8.11	75	101080	20.417	ug/l	96
37) Ethyl Acetate	7.28	43	33896	19.763	ug/l	96
38) Carbon Tetrachloride	8.10	117	124289	23.202	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	106423	20.332	ug/l	95
40) Benzene	8.36	78	286993	20.870	ug/l	99
41) Methacrylonitrile	7.53	41	14533	15.684	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	86657	22.552	ug/l	98
43) Isopropyl Acetate	8.46	43	61724	19.535	ug/l	95
44) Trichloroethene	9.11	130	90944	22.147	ug/l	94
45) 1,2-Dichloropropane	9.38	63	67815	20.989	ug/l	97
46) Dibromomethane	9.47	93	40576	21.850	ug/l	95
47) Bromodichloromethane	9.66	83	106667	22.097	ug/l	98
48) Methyl methacrylate	9.46	41	28267	17.463	ug/l #	69
49) 1,4-Dioxane	9.46	88	8308	428.652	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	158921	100.979	ug/l	97
52) Toluene	10.40	92	199378	22.508	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	96017	22.255	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	114107	21.659	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	57411	22.236	ug/l	98
56) Ethyl methacrylate	10.66	69	59544	22.338	ug/l	96
57) 1,3-Dichloropropane	10.95	76	90617	21.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	149889	101.028	ug/l	93
59) 2-Hexanone	10.98	43	107032	101.894	ug/l	97
60) Dibromochloromethane	11.14	129	79250	23.030	ug/l	94
61) 1,2-Dibromoethane	11.24	107	56720	22.867	ug/l	99
64) Tetrachloroethene	10.87	164	81884	22.442	ug/l	92
65) Chlorobenzene	11.67	112	217718	21.812	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	87786	23.121	ug/l	97
67) Ethyl Benzene	11.74	91	373001	21.810	ug/l	96
68) m/p-Xylenes	11.86	106	292006	43.811	ug/l	96
69) o-Xylene	12.18	106	130755	21.938	ug/l	92
70) Styrene	12.20	104	230795	22.550	ug/l	99
71) Bromoform	12.36	173	45846	23.261	ug/l #	97
73) Isopropylbenzene	12.48	105	368141	21.564	ug/l	99
74) N-amyl acetate	12.29	43	58382	19.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	58349	20.285	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	49999m	22.831	ug/l	
77) Bromobenzene	12.76	156	91086	22.096	ug/l	96
78) n-propylbenzene	12.83	91	426171	21.122	ug/l	98
79) 2-Chlorotoluene	12.91	91	245221	21.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	321364	22.280	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	18154	20.667	ug/l	98
82) 4-Chlorotoluene	13.01	91	268882	21.892	ug/l	99
83) tert-Butylbenzene	13.23	119	274634	22.610	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	317576	22.062	ug/l	99
85) sec-Butylbenzene	13.41	105	367515	21.486	ug/l	99
86) p-Isopropyltoluene	13.52	119	348087	21.950	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	177299	22.081	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	178291	22.207	ug/l	99
89) n-Butylbenzene	13.85	91	305075	21.050	ug/l	98
90) Hexachloroethane	14.12	117	58685	21.126	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	153162	21.841	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9727	20.978	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	104614	23.064	ug/l	98
94) Hexachlorobutadiene	15.28	225	61543	22.093	ug/l	98
95) Naphthalene	15.41	128	167785	22.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	89492	22.728	ug/l	99

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

