

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067185.D
 Acq On : 08 Oct 2020 10:57
 Operator : VA/SY
 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:22:28 PM

Quant Time: Oct 08 16:30:48 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	357945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	537828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	501211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	253425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	170010	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.92	113	184252	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.34	98	668268	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.64	95	234928	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	81001	25.700	ug/l	96
3) Chloromethane	2.21	50	53720	18.845	ug/l	98
4) Vinyl Chloride	2.35	62	53861	18.844	ug/l	98
5) Bromomethane	2.76	94	43023	20.825	ug/l	98
6) Chloroethane	2.92	64	34707	19.939	ug/l	99
7) Trichlorofluoromethane	3.27	101	137643	21.675	ug/l	94
8) Diethyl Ether	3.71	74	30591	19.426	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75807	21.120	ug/l	99
10) Methyl Iodide	4.30	142	60679	17.398	ug/l	94
11) Tert butyl alcohol	5.21	59	24537m	90.420	ug/l	
12) 1,1-Dichloroethene	4.06	96	67381	19.969	ug/l	94
13) Acrolein	3.92	56	16380	70.953	ug/l	89
14) Allyl chloride	4.71	41	77935	17.779	ug/l	92
15) Acrylonitrile	5.42	53	54023	93.210	ug/l	94
16) Acetone	4.16	43	50361	95.690	ug/l	96
17) Carbon Disulfide	4.41	76	195989	18.926	ug/l	99
18) Methyl Acetate	4.71	43	23218	17.553	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	125793	20.422	ug/l	91
20) Methylene Chloride	4.96	84	87053	18.764	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	77998	20.312	ug/l	96
22) Diisopropyl ether	6.37	45	150406	18.795	ug/l	95
23) Vinyl Acetate	6.30	43	404629	89.228	ug/l	97
24) 1,1-Dichloroethane	6.26	63	120313	19.481	ug/l	98
25) 2-Butanone	7.21	43	63065	84.519	ug/l	93
26) 2,2-Dichloropropane	7.21	77	123610	21.015	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	83115	20.266	ug/l	98
28) Bromochloromethane	7.54	49	38565	16.169	ug/l	83
29) Tetrahydrofuran	7.56	42	36701	85.542	ug/l	88
30) Chloroform	7.71	83	141849	21.173	ug/l	96
31) Cyclohexane	7.98	56	93021	17.966	ug/l	# 92
32) 1,1,1-Trichloroethane	7.90	97	138482	22.303	ug/l	96
36) 1,1-Dichloropropene	8.11	75	103421	20.630	ug/l	95
37) Ethyl Acetate	7.29	43	33290	19.169	ug/l	95
38) Carbon Tetrachloride	8.10	117	129729	23.917	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	106426	20.080	ug/l	98
40) Benzene	8.36	78	284124	20.405	ug/l	97
41) Methacrylonitrile	7.53	41	19915	21.226	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	86425	22.212	ug/l	98
43) Isopropyl Acetate	8.45	43	58673	18.339	ug/l #	59
44) Trichloroethene	9.11	130	91906	22.104	ug/l	96
45) 1,2-Dichloropropane	9.39	63	65548	20.035	ug/l	95
46) Dibromomethane	9.47	93	40990	21.799	ug/l	99
47) Bromodichloromethane	9.66	83	109358	22.373	ug/l	93
48) Methyl methacrylate	9.46	41	28811	17.578	ug/l #	73
49) 1,4-Dioxane	9.47	88	7824	398.667	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	153620	96.398	ug/l	100
52) Toluene	10.40	92	201041	22.413	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	93596	21.425	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	114009	21.372	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	54665	20.910	ug/l	96
56) Ethyl methacrylate	10.66	69	59032	21.871	ug/l	95
57) 1,3-Dichloropropane	10.95	76	89897	21.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	147637	98.274	ug/l	95
59) 2-Hexanone	10.98	43	105517	99.204	ug/l	98
60) Dibromochloromethane	11.14	129	79937	22.941	ug/l	100
61) 1,2-Dibromoethane	11.24	107	55344	22.035	ug/l	98
64) Tetrachloroethene	10.87	164	80899	22.202	ug/l	92
65) Chlorobenzene	11.67	112	220855	22.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	84830	22.372	ug/l	98
67) Ethyl Benzene	11.75	91	377403	22.096	ug/l	100
68) m/p-Xylenes	11.86	106	298259	44.808	ug/l	97
69) o-Xylene	12.18	106	131071	22.020	ug/l	95
70) Styrene	12.20	104	230202	22.522	ug/l	100
71) Bromoform	12.36	173	45669	23.202	ug/l #	97
73) Isopropylbenzene	12.48	105	371582	21.594	ug/l	100
74) N-amyl acetate	12.29	43	54477	17.611	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.74	83	56613	19.527	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	43385m	19.654	ug/l	
77) Bromobenzene	12.76	156	93757	22.564	ug/l	90
78) n-propylbenzene	12.83	91	435737	21.426	ug/l	97
79) 2-Chlorotoluene	12.91	91	250055	21.491	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	319876	22.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17293	19.531	ug/l	97
82) 4-Chlorotoluene	13.01	91	265927	21.481	ug/l	100
83) tert-Butylbenzene	13.23	119	275078	22.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	319243	22.003	ug/l	100
85) sec-Butylbenzene	13.41	105	375376	21.772	ug/l	100
86) p-Isopropyltoluene	13.52	119	352256	22.037	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	176970	21.866	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	173302	21.415	ug/l	99
89) n-Butylbenzene	13.85	91	315213	21.577	ug/l	97
90) Hexachloroethane	14.12	117	59864	21.380	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	149898	21.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9388	20.087	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	103771	22.697	ug/l	98
94) Hexachlorobutadiene	15.28	225	61087	21.756	ug/l	98
95) Naphthalene	15.41	128	156421	20.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	88547	22.310	ug/l	99

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

