

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD065996.D
 Acq On : 22 Jul 2020 12:43
 Operator : VA/SY
 Sample : VD0722SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:14:35 PM

Quant Time: Jul 22 15:53:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	340066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	500801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	468501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239475	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	142156	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.92	113	152550	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.34	98	587648	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.64	95	206311	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62105	24.065	ug/l	99
3) Chloromethane	2.21	50	48556	23.055	ug/l	100
4) Vinyl Chloride	2.35	62	44540	22.208	ug/l	93
5) Bromomethane	2.76	94	32416	19.969	ug/l	99
6) Chloroethane	2.92	64	27954	23.349	ug/l	97
7) Trichlorofluoromethane	3.27	101	108739	22.290	ug/l	92
8) Diethyl Ether	3.70	74	30273	22.451	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	65202	22.136	ug/l	98
10) Methyl Iodide	4.30	142	63801	26.475	ug/l	99
11) Tert butyl alcohol	5.21	59	23968	124.007	ug/l	99
12) 1,1-Dichloroethene	4.06	96	62810	22.339	ug/l	99
13) Acrolein	3.93	56	22232	95.362	ug/l	97
14) Allyl chloride	4.71	41	95065	21.629	ug/l	96
15) Acrylonitrile	5.42	53	61177	106.197	ug/l	98
16) Acetone	4.16	43	52300	93.377	ug/l	94
17) Carbon Disulfide	4.41	76	195638	21.451	ug/l	99
18) Methyl Acetate	4.72	43	26589	20.407	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	128720	22.282	ug/l #	90
20) Methylene Chloride	4.96	84	75531	22.774	ug/l	92
21) trans-1,2-Dichloroethene	5.48	96	69872	21.988	ug/l	99
22) Diisopropyl ether	6.36	45	189979	22.752	ug/l	97
23) Vinyl Acetate	6.31	43	521248	110.688	ug/l	98
24) 1,1-Dichloroethane	6.26	63	114946	22.719	ug/l	98
25) 2-Butanone	7.21	43	73395	98.755	ug/l	98
26) 2,2-Dichloropropane	7.21	77	100136	22.009	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	75152	22.336	ug/l	98
28) Bromochloromethane	7.54	49	46026	21.434	ug/l	98
29) Tetrahydrofuran	7.56	42	48911	106.662	ug/l	99
30) Chloroform	7.71	83	119697	22.617	ug/l	99
31) Cyclohexane	7.98	56	106179	21.332	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	106440	21.743	ug/l	99
36) 1,1-Dichloropropene	8.11	75	92121	21.553	ug/l	99
37) Ethyl Acetate	7.30	43	34924	21.396	ug/l	98
38) Carbon Tetrachloride	8.10	117	101717	21.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	114967	22.212	ug/l	93
40) Benzene	8.35	78	267120	22.339	ug/l	92
41) Methacrylonitrile	7.52	41	14176	15.160	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	71964	21.963	ug/l	98
43) Isopropyl Acetate	8.46	43	70210	22.023	ug/l	95
44) Trichloroethene	9.11	130	77931	21.537	ug/l	94
45) 1,2-Dichloropropane	9.39	63	65646	22.668	ug/l	95
46) Dibromomethane	9.48	93	34260	21.976	ug/l	99
47) Bromodichloromethane	9.67	83	91302	22.149	ug/l	98
48) Methyl methacrylate	9.46	41	35238	21.912	ug/l	98
49) 1,4-Dioxane	9.47	88	7508	415.681	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	171274	106.625	ug/l	99
52) Toluene	10.41	92	176359	22.616	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	83777	21.815	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	105929	22.755	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	47744	21.593	ug/l	94
56) Ethyl methacrylate	10.67	69	54812	21.322	ug/l	95
57) 1,3-Dichloropropane	10.95	76	82129	22.438	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	136005	110.750	ug/l	98
59) 2-Hexanone	10.99	43	114077	102.480	ug/l	98
60) Dibromochloromethane	11.14	129	67060	22.494	ug/l	98
61) 1,2-Dibromoethane	11.25	107	48470	22.736	ug/l	100
64) Tetrachloroethene	10.88	164	69987	22.009	ug/l	96
65) Chlorobenzene	11.67	112	189818	22.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	73318	23.148	ug/l	99
67) Ethyl Benzene	11.75	91	329294	22.307	ug/l	100
68) m/p-Xylenes	11.86	106	260991	45.998	ug/l	100
69) o-Xylene	12.18	106	118115	22.888	ug/l	99
70) Styrene	12.20	104	206535	23.293	ug/l	99
71) Bromoform	12.37	173	39906	21.509	ug/l #	99
73) Isopropylbenzene	12.48	105	326881	22.558	ug/l	100
74) N-amyl acetate	12.29	43	62198	20.702	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	52476	21.913	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	40574m	22.502	ug/l	
77) Bromobenzene	12.77	156	81299	21.953	ug/l	97
78) n-propylbenzene	12.83	91	376804	22.409	ug/l	98
79) 2-Chlorotoluene	12.91	91	213580	22.233	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	265069	22.265	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	16154	20.558	ug/l	100
82) 4-Chlorotoluene	13.01	91	229471	22.631	ug/l	99
83) tert-Butylbenzene	13.23	119	235470	22.603	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	270746	23.051	ug/l	99
85) sec-Butylbenzene	13.41	105	321713	22.420	ug/l	100
86) p-Isopropyltoluene	13.52	119	304592	23.365	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	156585	22.774	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	156742	22.550	ug/l	99
89) n-Butylbenzene	13.85	91	265307	21.887	ug/l	100
90) Hexachloroethane	14.12	117	58062	21.515	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	137330	23.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8126	20.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97627	22.828	ug/l	99
94) Hexachlorobutadiene	15.27	225	59270	22.417	ug/l	99
95) Naphthalene	15.41	128	148661	21.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81135	21.823	ug/l	98

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

