

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066889.D
 Acq On : 25 Sep 2020 23:54
 Operator : VA/SY
 Sample : VD0925SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:29 AM

Quant Time: Sep 26 06:53:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	603971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	558998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178814	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	7.91	113	184150	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	655056	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.63	95	227845	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	67578	23.653	ug/l	95
3) Chloromethane	2.21	50	75151	22.550	ug/l	95
4) Vinyl Chloride	2.35	62	71052	21.580	ug/l	94
5) Bromomethane	2.76	94	50044	21.625	ug/l	97
6) Chloroethane	2.92	64	42905	20.985	ug/l #	88
7) Trichlorofluoromethane	3.27	101	142524	21.078	ug/l	100
8) Diethyl Ether	3.71	74	38628	22.502	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81838	20.872	ug/l	98
10) Methyl Iodide	4.30	142	74320	21.480	ug/l	95
11) Tert butyl alcohol	5.21	59	29505	110.987	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	74983	21.111	ug/l	96
13) Acrolein	3.92	56	22078	84.302	ug/l	92
14) Allyl chloride	4.71	41	105483	20.225	ug/l	97
15) Acrylonitrile	5.43	53	81802	107.530	ug/l	98
16) Acetone	4.16	43	67092	89.087	ug/l	99
17) Carbon Disulfide	4.41	76	227539	20.954	ug/l	100
18) Methyl Acetate	4.71	43	38601	20.857	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	167253	21.684	ug/l	93
20) Methylene Chloride	4.97	84	117306	26.076	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	90581	22.025	ug/l	95
22) Diisopropyl ether	6.36	45	233106	21.738	ug/l	98
23) Vinyl Acetate	6.31	43	567835	99.159	ug/l	96
24) 1,1-Dichloroethane	6.27	63	152917	21.315	ug/l	98
25) 2-Butanone	7.21	43	97693	107.944	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	125640	19.108	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100305	22.447	ug/l	97
28) Bromochloromethane	7.55	49	60170	20.302	ug/l	96
29) Tetrahydrofuran	7.56	42	62456	107.701	ug/l	97
30) Chloroform	7.71	83	165833	21.445	ug/l	99
31) Cyclohexane	7.98	56	126419	19.584	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	147916	21.145	ug/l	99
36) 1,1-Dichloropropene	8.11	75	119011	19.862	ug/l	99
37) Ethyl Acetate	7.29	43	49569	22.884	ug/l #	94
38) Carbon Tetrachloride	8.09	117	131084	20.010	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131815	19.160	ug/l	98
40) Benzene	8.34	78	359972	21.556	ug/l	94
41) Methacrylonitrile	7.52	41	22114	16.601	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102570	20.777	ug/l	99
43) Isopropyl Acetate	8.44	43	88933	21.295	ug/l	98
44) Trichloroethene	9.11	130	99950	20.999	ug/l	98
45) 1,2-Dichloropropane	9.38	63	89687	21.346	ug/l	99
46) Dibromomethane	9.47	93	49923	21.869	ug/l	99
47) Bromodichloromethane	9.66	83	127685	20.822	ug/l	93
48) Methyl methacrylate	9.45	41	46168	22.422	ug/l	92
49) 1,4-Dioxane	9.46	88	12634	428.746	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	223708	105.718	ug/l	100
52) Toluene	10.40	92	231454	21.517	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	110924	21.252	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	134908	21.198	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	65831	20.977	ug/l	98
56) Ethyl methacrylate	10.66	69	72060	21.434	ug/l	99
57) 1,3-Dichloropropane	10.94	76	113179	21.841	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	194888	122.429	ug/l	97
59) 2-Hexanone	10.98	43	146188	102.442	ug/l	95
60) Dibromochloromethane	11.14	129	90685	22.141	ug/l	100
61) 1,2-Dibromoethane	11.24	107	66193	22.677	ug/l	97
64) Tetrachloroethene	10.87	164	89236	22.193	ug/l	95
65) Chlorobenzene	11.67	112	243517	20.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	90836	20.626	ug/l	94
67) Ethyl Benzene	11.74	91	421347	20.618	ug/l	97
68) m/p-Xylenes	11.85	106	334474	43.228	ug/l	99
69) o-Xylene	12.18	106	146075	20.879	ug/l	100
70) Styrene	12.19	104	261353	21.510	ug/l	100
71) Bromoform	12.36	173	48914	21.937	ug/l #	99
73) Isopropylbenzene	12.48	105	394194	20.448	ug/l	99
74) N-amyl acetate	12.29	43	74967	19.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72111	21.678	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	44207m	19.990	ug/l	
77) Bromobenzene	12.76	156	99275	22.019	ug/l	95
78) n-propylbenzene	12.82	91	477299	20.580	ug/l	100
79) 2-Chlorotoluene	12.91	91	275896	20.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	345302	21.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	19656	22.237	ug/l	96
82) 4-Chlorotoluene	13.01	91	294410	21.133	ug/l	100
83) tert-Butylbenzene	13.23	119	277876	20.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	341987	21.084	ug/l	99
85) sec-Butylbenzene	13.40	105	396569	20.517	ug/l	99
86) p-Isopropyltoluene	13.52	119	359755	20.649	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	187680	21.070	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188289	21.283	ug/l	100
89) n-Butylbenzene	13.84	91	316800	19.130	ug/l	100
90) Hexachloroethane	14.11	117	70809	20.019	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	165706	21.744	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10804	20.190	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97790	20.384	ug/l	95
94) Hexachlorobutadiene	15.27	225	58047	20.192	ug/l	97
95) Naphthalene	15.40	128	166395	20.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85243	20.587	ug/l	99

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

