

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067030.D
 Acq On : 02 Oct 2020 12:47
 Operator : VA/SY
 Sample : VD1002SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:27 PM

Quant Time: Oct 03 05:00:09 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	462138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	717562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	667041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	326977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	211334	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	7.91	113	228712	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.34	98	858202	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.63	95	285482	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92512	22.100	ug/l	96
3) Chloromethane	2.21	50	72437	19.682	ug/l	98
4) Vinyl Chloride	2.35	62	73522	19.923	ug/l	96
5) Bromomethane	2.76	94	55432	20.772	ug/l	97
6) Chloroethane	2.92	64	44453	19.780	ug/l	93
7) Trichlorofluoromethane	3.27	101	160848	19.618	ug/l	94
8) Diethyl Ether	3.71	74	38785	19.076	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	94744	20.445	ug/l	100
10) Methyl Iodide	4.30	142	85052	18.889	ug/l	98
11) Tert butyl alcohol	5.21	59	29489	79.998	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	86961	19.962	ug/l	96
13) Acrolein	3.92	56	28258	94.807	ug/l	98
14) Allyl chloride	4.71	41	110623	19.547	ug/l	99
15) Acrylonitrile	5.43	53	71519	95.576	ug/l	98
16) Acetone	4.16	43	65262	96.045	ug/l	95
17) Carbon Disulfide	4.41	76	263760	19.728	ug/l	99
18) Methyl Acetate	4.72	43	33300	19.499	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	150055	18.868	ug/l	92
20) Methylene Chloride	4.97	84	108331	17.779	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	98445	19.857	ug/l	96
22) Diisopropyl ether	6.37	45	211551	20.475	ug/l	94
23) Vinyl Acetate	6.30	43	565814	96.641	ug/l	99
24) 1,1-Dichloroethane	6.27	63	161062	20.199	ug/l	99
25) 2-Butanone	7.21	43	87477	90.804	ug/l	94
26) 2,2-Dichloropropane	7.21	77	144004	18.523	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	105322	19.891	ug/l	100
28) Bromochloromethane	7.55	49	54633	17.742	ug/l	99
29) Tetrahydrofuran	7.56	42	52685	95.112	ug/l	98
30) Chloroform	7.71	83	173597	20.069	ug/l	99
31) Cyclohexane	7.98	56	130558	19.530	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	160002	19.959	ug/l	98
36) 1,1-Dichloropropene	8.11	75	131305	19.632	ug/l	98
37) Ethyl Acetate	7.30	43	45277	19.541	ug/l #	79
38) Carbon Tetrachloride	8.09	117	147764	20.418	ug/l	92

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Quant Time: Oct 03 05:00:09 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	143226	20.254	ug/l	98
40) Benzene	8.35	78	377090	20.298	ug/l	93
41) Methacrylonitrile	7.53	41	28323	22.626	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	101986	19.646	ug/l	100
43) Isopropyl Acetate	8.45	43	85763	20.092	ug/l	99
44) Trichloroethene	9.11	130	111423	20.085	ug/l	95
45) 1,2-Dichloropropane	9.38	63	88469	20.268	ug/l	93
46) Dibromomethane	9.47	93	51260	20.432	ug/l	98
47) Bromodichloromethane	9.66	83	130430	20.000	ug/l	99
48) Methyl methacrylate	9.45	41	41382	18.923	ug/l	93
49) 1,4-Dioxane	9.46	88	10137	387.146	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	206914	97.319	ug/l	99
52) Toluene	10.40	92	251591	21.023	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	114849	19.705	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	140150	19.692	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	70795	20.297	ug/l	96
56) Ethyl methacrylate	10.66	69	71112	19.747	ug/l	98
57) 1,3-Dichloropropane	10.94	76	113473	20.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	201337	100.451	ug/l	99
59) 2-Hexanone	10.98	43	135102	95.204	ug/l	100
60) Dibromochloromethane	11.14	129	95783	20.603	ug/l	98
61) 1,2-Dibromoethane	11.24	107	66510	19.848	ug/l	96
64) Tetrachloroethene	10.87	164	97980	20.205	ug/l	96
65) Chlorobenzene	11.67	112	265012	19.976	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	99972	19.810	ug/l	99
67) Ethyl Benzene	11.74	91	453141	19.935	ug/l	99
68) m/p-Xylenes	11.86	106	363169	40.996	ug/l	100
69) o-Xylene	12.18	106	160150	20.216	ug/l	96
70) Styrene	12.20	104	280453	20.617	ug/l	98
71) Bromoform	12.36	173	51666	19.723	ug/l #	96
73) Isopropylbenzene	12.48	105	445018	20.044	ug/l	99
74) N-amyl acetate	12.29	43	74286	18.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	72289	19.325	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	46614m	16.367	ug/l	
77) Bromobenzene	12.76	156	106202	19.810	ug/l	99
78) n-propylbenzene	12.83	91	532465	20.293	ug/l	100
79) 2-Chlorotoluene	12.91	91	295969	19.715	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	377930	20.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21059	18.434	ug/l	98
82) 4-Chlorotoluene	13.01	91	317834	19.899	ug/l	100
83) tert-Butylbenzene	13.23	119	304502	19.277	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	379252	20.259	ug/l	98
85) sec-Butylbenzene	13.41	105	445643	20.033	ug/l	100
86) p-Isopropyltoluene	13.52	119	411841	19.969	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	210032	20.114	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	206956	19.821	ug/l	99
89) n-Butylbenzene	13.85	91	363134	19.266	ug/l	99
90) Hexachloroethane	14.11	117	70767	19.589	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	180102	19.749	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10957	18.171	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	113140	19.180	ug/l	98
94) Hexachlorobutadiene	15.28	225	68240	18.837	ug/l	99
95) Naphthalene	15.41	128	175013	17.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	95787	18.706	ug/l	95

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

