

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065462.D
 Acq On : 10 Mar 2020 13:59
 Operator : VA/SY
 Sample : VD0310SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0310SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:20:48 PM

Quant Time: Mar 11 02:07:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	455679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	671654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	620977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	199063	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.92	113	215409	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.34	98	826719	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	260578	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	85245	21.767	ug/l	98
3) Chloromethane	2.21	50	102960	21.776	ug/l	99
4) Vinyl Chloride	2.35	62	101860	21.842	ug/l	94
5) Bromomethane	2.77	94	64643	22.064	ug/l	98
6) Chloroethane	2.92	64	60845	21.302	ug/l	98
7) Trichlorofluoromethane	3.27	101	147272	21.432	ug/l	97
8) Diethyl Ether	3.70	74	42938	21.012	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	94726	21.404	ug/l	98
10) Methyl Iodide	4.30	142	91805	19.967	ug/l	99
11) Tert butyl alcohol	5.24	59	20120	89.738	ug/l #	76
12) 1,1-Dichloroethene	4.07	96	88852	20.966	ug/l	87
13) Acrolein	3.93	56	33203	85.868	ug/l	98
14) Allyl chloride	4.71	41	128433	19.728	ug/l	99
15) Acrylonitrile	5.44	53	92697	104.269	ug/l	96
16) Acetone	4.16	43	74858	94.695	ug/l	97
17) Carbon Disulfide	4.40	76	287456	20.368	ug/l	98
18) Methyl Acetate	4.73	43	40859	20.376	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	165665	20.328	ug/l	97
20) Methylene Chloride	4.96	84	104177	22.357	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	99580	21.123	ug/l	92
22) Diisopropyl ether	6.37	45	263937	21.809	ug/l	97
23) Vinyl Acetate	6.31	43	685526	102.019	ug/l	99
24) 1,1-Dichloroethane	6.27	63	162734	20.964	ug/l	96
25) 2-Butanone	7.22	43	106317	98.553	ug/l	99
26) 2,2-Dichloropropane	7.21	77	142437	20.998	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	103719	21.524	ug/l	98
28) Bromochloromethane	7.54	49	66356	21.366	ug/l	100
29) Tetrahydrofuran	7.57	42	67401	97.835	ug/l	99
30) Chloroform	7.71	83	166541	21.465	ug/l	97
31) Cyclohexane	7.98	56	155137	19.987	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	151363	21.111	ug/l	99
36) 1,1-Dichloropropene	8.11	75	136091	21.138	ug/l	99
37) Ethyl Acetate	7.30	43	49376	19.842	ug/l	97
38) Carbon Tetrachloride	8.10	117	141947	21.261	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	154873	19.917	ug/l	93
40) Benzene	8.35	78	393372	21.853	ug/l	99
41) Methacrylonitrile	7.53	41	27014	20.527	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	102659	21.840	ug/l	99
43) Isopropyl Acetate	8.46	43	93627	20.377	ug/l	98
44) Trichloroethene	9.11	130	106035	20.858	ug/l	100
45) 1,2-Dichloropropane	9.39	63	94734	21.726	ug/l	95
46) Dibromomethane	9.48	93	48813	21.582	ug/l	99
47) Bromodichloromethane	9.67	83	125539	21.335	ug/l	97
48) Methyl methacrylate	9.46	41	45941	21.256	ug/l	93
49) 1,4-Dioxane	9.47	88	10984	424.560	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	239931	103.767	ug/l	98
52) Toluene	10.41	92	245325	21.633	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	114681	20.856	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	138768	20.849	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	68703	21.447	ug/l	97
56) Ethyl methacrylate	10.67	69	70827	19.612	ug/l	97
57) 1,3-Dichloropropane	10.95	76	114830	21.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	110798	99.488	ug/l	100
59) 2-Hexanone	10.99	43	159097	99.398	ug/l	98
60) Dibromochloromethane	11.14	129	88618	21.581	ug/l	100
61) 1,2-Dibromoethane	11.25	107	63937	20.925	ug/l	98
64) Tetrachloroethene	10.88	164	97190	21.842	ug/l	99
65) Chlorobenzene	11.67	112	257341	20.942	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	94924	21.210	ug/l	99
67) Ethyl Benzene	11.75	91	435790	20.524	ug/l	97
68) m/p-Xylenes	11.86	106	349113	42.641	ug/l	98
69) o-Xylene	12.18	106	151530	21.041	ug/l	99
70) Styrene	12.20	104	272083	21.467	ug/l	98
71) Bromoform	12.37	173	52693	20.961	ug/l #	99
73) Isopropylbenzene	12.48	105	417856	20.385	ug/l	99
74) N-amyl acetate	12.30	43	80730	19.238	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	72580	20.144	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	56301m	22.895	ug/l	
77) Bromobenzene	12.77	156	106996	21.010	ug/l	99
78) n-propylbenzene	12.83	91	508419	20.905	ug/l	99
79) 2-Chlorotoluene	12.91	91	282981	20.645	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	351470	20.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	22730	19.506	ug/l	98
82) 4-Chlorotoluene	13.01	91	307646	21.359	ug/l	99
83) tert-Butylbenzene	13.23	119	284478	19.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	351105	21.137	ug/l	99
85) sec-Butylbenzene	13.41	105	415901	20.437	ug/l	99
86) p-Isopropyltoluene	13.53	119	381055	20.521	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	204563	20.893	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	202448	20.786	ug/l	99
89) n-Butylbenzene	13.86	91	346394	20.177	ug/l	99
90) Hexachloroethane	14.12	117	78242	20.460	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	174722	20.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10886	19.838	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	115625	20.474	ug/l	98
94) Hexachlorobutadiene	15.28	225	75076	20.233	ug/l	96
95) Naphthalene	15.41	128	168275	19.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	102975	21.101	ug/l	99

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

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