

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060520\
 Data File : VD065767.D
 Acq On : 05 Jun 2020 10:30
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 05 12:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 12:42:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	213005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	338915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	304410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	11009	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
35) Dibromofluoromethane	7.91	113	11420	5.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.64%	
50) Toluene-d8	10.34	98	39245	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
62) 4-Bromofluorobenzene	12.64	95	13166	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.99	85	9071	5.22	ug/l	95
3) Chloromethane	2.21	50	15183	5.15	ug/l	94
4) Vinyl Chloride	2.35	62	16970	5.04	ug/l	91
5) Bromomethane	2.77	94	12283	5.21	ug/l	96
6) Chloroethane	2.93	64	11428	5.03	ug/l	90
7) Trichlorofluoromethane	3.27	101	19069	5.04	ug/l	85
8) Diethyl Ether	3.71	74	4845	5.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	11865	5.28	ug/l #	84
10) Methyl Iodide	4.30	142	8599	4.38	ug/l	99
11) Tert butyl alcohol	5.20	59	6489	37.56	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	10455	5.18	ug/l	92
13) Acrolein	3.91	56	3394	26.76	ug/l	95
14) Allyl chloride	4.71	41	16176	4.94	ug/l	94
15) Acrylonitrile	5.42	53	10923	25.16	ug/l #	89
16) Acetone	4.16	43	11236	27.82	ug/l	95
17) Carbon Disulfide	4.41	76	33962	4.99	ug/l	100
18) Methyl Acetate	4.73	43	7799	7.02	ug/l #	86
19) Methyl tert-butyl Ether	5.48	73	22132	4.98	ug/l	95
20) Methylene Chloride	4.96	84	16587	6.27	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	11595	4.97	ug/l	95
22) Diisopropyl ether	6.36	45	31457	4.78	ug/l	92
23) Vinyl Acetate	6.31	43	75092	20.84	ug/l	95
24) 1,1-Dichloroethane	6.27	63	20851	5.12	ug/l	98
25) 2-Butanone	7.21	43	14579	26.22	ug/l	94
26) 2,2-Dichloropropane	7.20	77	19338	5.34	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	12291	4.95	ug/l	91
28) Bromochloromethane	7.54	49	7979	5.19	ug/l #	97
29) Tetrahydrofuran	7.57	42	8482	24.24	ug/l	96
30) Chloroform	7.71	83	21958	5.21	ug/l	95
31) Cyclohexane	7.98	56	22445	5.60	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	20059	5.17	ug/l	98
36) 1,1-Dichloropropene	8.11	75	17033	5.11	ug/l	98
37) Ethyl Acetate	7.28	43	7147	5.52	ug/l #	96
38) Carbon Tetrachloride	8.10	117	17153	4.91	ug/l	97

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	19037	4.92	ug/l	94
40) Benzene	8.35	78	44101	4.90	ug/l	99
41) Methacrylonitrile	7.53	41	3656	4.52	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	14264	5.18	ug/l	100
43) Isopropyl Acetate	8.46	43	12682	4.99	ug/l	98
44) Trichloroethene	9.11	130	12566	5.02	ug/l	100
45) 1,2-Dichloropropane	9.39	63	11253	4.94	ug/l	97
46) Dibromomethane	9.47	93	6100	4.97	ug/l	97
47) Bromodichloromethane	9.66	83	17164	5.19	ug/l	100
48) Methyl methacrylate	9.46	41	5510	4.43	ug/l #	84
49) 1,4-Dioxane	9.46	88	1150	89.14	ug/l #	65
51) 4-Methyl-2-Pentanone	10.23	43	29929	24.15	ug/l	93
52) Toluene	10.41	92	27848	4.83	ug/l	95
53) t-1,3-Dichloropropene	10.63	75	13797	4.74	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	15512	4.49	ug/l #	82
55) 1,1,2-Trichloroethane	10.81	97	7786	4.78	ug/l	99
56) Ethyl methacrylate	10.67	69	8556	4.63	ug/l	94
57) 1,3-Dichloropropane	10.95	76	14242	5.04	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	20679	23.87	ug/l	97
59) 2-Hexanone	10.98	43	19155	23.19	ug/l	100
60) Dibromochloromethane	11.15	129	10630	4.85	ug/l	100
61) 1,2-Dibromoethane	11.26	107	7694	4.84	ug/l	98
64) Tetrachloroethene	10.87	164	11426	5.42	ug/l	91
65) Chlorobenzene	11.67	112	30808	5.12	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	11081	4.97	ug/l	95
67) Ethyl Benzene	11.75	91	51772	4.86	ug/l	96
68) m/p-Xylenes	11.86	106	38693	9.44	ug/l	98
69) o-Xylene	12.18	106	17285	4.75	ug/l	99
70) Styrene	12.20	104	28893	4.60	ug/l	95
71) Bromoform	12.36	173	6312	5.18	ug/l #	90
73) Isopropylbenzene	12.48	105	48502	4.96	ug/l	100
74) N-amyl acetate	12.29	43	10820	4.99	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	8884	5.23	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	5908	5.20	ug/l #	100
77) Bromobenzene	12.76	156	11075	4.78	ug/l	89
78) n-propylbenzene	12.83	91	58664	4.94	ug/l	100
79) 2-Chlorotoluene	12.91	91	31441	4.83	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	39600	4.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	2520	4.89	ug/l	98
82) 4-Chlorotoluene	13.01	91	35088	4.99	ug/l	99
83) tert-Butylbenzene	13.23	119	34259	4.87	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	39249	4.82	ug/l	98
85) sec-Butylbenzene	13.41	105	47549	4.82	ug/l	99
86) p-Isopropyltoluene	13.52	119	42782	4.78	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	23078	4.99	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	24302	5.27	ug/l	95
89) n-Butylbenzene	13.85	91	42784	4.97	ug/l	97
90) Hexachloroethane	14.11	117	9111	5.01	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	19220	4.84	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1610	5.73	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	12735	4.84	ug/l	96
94) Hexachlorobutadiene	15.27	225	8416	5.20	ug/l	94
95) Naphthalene	15.41	128	21335	4.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	10764	4.76	ug/l	95

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

