

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062183.D
 Acq On : 8 May 2019 19:27
 Operator : FY/SY
 Sample : K2717-11MSD
 Misc : 5.74g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-01MSD

Quant Time: May 09 01:26:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	197014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	289405	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	189627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	62798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.42	65	169361	92.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.00%	
35) Dibromofluoromethane	6.90	113	171047	71.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.46%	
50) Toluene-d8	10.39	98	290595	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	13.55	95	91335	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	95702	50.790	ug/l	86
3) Chloromethane	1.74	50	80621	59.214	ug/l	91
4) Vinyl Chloride	1.84	62	73242	54.737	ug/l	95
5) Bromomethane	2.13	94	32304	103.032	ug/l	94
6) Chloroethane	2.26	64	35239	62.761	ug/l	95
7) Trichlorofluoromethane	2.51	101	142578	54.807	ug/l	94
8) Diethyl Ether	2.85	74	47361	94.399	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.13	101	88781	45.115	ug/l	97
10) Methyl Iodide	3.29	142	139840	47.017	ug/l	91
11) Tert butyl alcohol	4.03	59	63894	683.678	ug/l #	94
12) 1,1-Dichloroethene	3.10	96	80391	53.515	ug/l	97
13) Acrolein	3.02	56	272	2.814	ug/l #	18
14) Allyl chloride	3.60	41	138458	63.391	ug/l #	88
15) Acrylonitrile	4.16	53	137349	559.135	ug/l	97
16) Acetone	3.19	43	183737	478.539	ug/l #	83
17) Carbon Disulfide	3.36	76	192065	44.446	ug/l	100
18) Methyl Acetate	3.61	43	375016	549.146	ug/l	91
19) Methyl tert-butyl Ether	4.21	73	319247	99.149	ug/l	96
20) Methylene Chloride	3.79	84	151611	94.571	ug/l	93
21) trans-1,2-Dichloroethene	4.19	96	89082	53.291	ug/l	95
22) Diisopropyl ether	5.08	45	376170	80.933	ug/l #	85
23) Vinyl Acetate	5.07	43	162319	66.191	ug/l #	77
24) 1,1-Dichloroethane	4.95	63	161728	57.679	ug/l	99
25) 2-Butanone	6.04	43	222340	530.896	ug/l	98
26) 2,2-Dichloropropane	5.99	77	152217	54.499	ug/l	97
27) cis-1,2-Dichloroethene	6.01	96	107542	57.476	ug/l	98
28) Bromochloromethane	6.41	49	96801	87.749	ug/l	87
29) Tetrahydrofuran	6.42	42	115132	596.642	ug/l	95
30) Chloroform	6.64	83	217303	64.306	ug/l	99
31) Cyclohexane	6.92	56	66597	34.668	ug/l	93
32) 1,1,1-Trichloroethane	6.84	97	169356	53.023	ug/l	96
36) 1,1-Dichloropropene	7.12	75	96827	40.806	ug/l	93
37) Ethyl Acetate	6.15	43	19718	19.595	ug/l #	88
38) Carbon Tetrachloride	7.08	117	155826	47.447	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	50506	22.215	ug/l	97
40) Benzene	7.42	78	269818	50.357	ug/l	100
41) Methacrylonitrile	6.42	41	127233	103.464	ug/l #	79
42) 1,2-Dichloroethane	7.55	62	197159	86.848	ug/l	97
43) Isopropyl Acetate	9.22	43	14294	10.016	ug/l #	87
44) Trichloroethene	8.52	130	85198	41.728	ug/l	93
45) 1,2-Dichloropropane	8.91	63	80984	61.104	ug/l	97
46) Dibromomethane	9.04	93	86793	80.531	ug/l	90
47) Bromodichloromethane	9.35	83	178215	67.602	ug/l	98
48) Methyl methacrylate	9.10	41	107491	122.279	ug/l	89
49) 1,4-Dioxane	9.05	88	21804	2298.865	ug/l #	74
51) 4-Methyl-2-Pentanone	10.28	43	416112	453.586	ug/l	93
52) Toluene	10.49	92	157631	45.215	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	141253	61.996	ug/l	97
54) cis-1,3-Dichloropropene	10.01	75	146120	58.787	ug/l	91
55) 1,1,2-Trichloroethane	11.16	97	97609	79.131	ug/l	98
56) Ethyl methacrylate	11.02	69	12040	9.393	ug/l #	90
57) 1,3-Dichloropropane	11.39	76	147475	79.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.84	63	270283	386.027	ug/l	99
59) 2-Hexanone	11.51	43	261337	386.510	ug/l	93
60) Dibromochloromethane	11.67	129	144668	67.863	ug/l	99
61) 1,2-Dibromoethane	11.78	107	113499	75.683	ug/l	99
64) Tetrachloroethene	11.23	164	58135	39.206	ug/l	95
65) Chlorobenzene	12.38	112	165775	46.937	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.49	131	104288	67.847	ug/l	94
67) Ethyl Benzene	12.50	91	257314	43.518	ug/l	96
68) m/p-Xylenes	12.65	106	184117	85.587	ug/l	86
69) o-Xylene	13.03	106	94342	47.171	ug/l	85
70) Styrene	13.05	104	148604	43.862	ug/l #	92
71) Bromoform	13.22	173	99111	92.677	ug/l #	96
73) Isopropylbenzene	13.39	105	220600	58.603	ug/l	94
74) N-amyl acetate	13.25	43	5873	5.951	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	13.68	83	105185	147.601	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	106065	142.120	ug/l	97
77) Bromobenzene	13.65	156	76997	73.068	ug/l	89
78) n-propylbenzene	13.76	91	203786	45.383	ug/l	98
79) 2-Chlorotoluene	13.83	91	126065	49.020	ug/l	93
80) 1,3,5-Trimethylbenzene	13.92	105	159190	50.220	ug/l	90
81) trans-1,4-Dichloro-2-buten	13.46	75	29369	139.397	ug/l #	76
82) 4-Chlorotoluene	13.93	91	154035	50.899	ug/l	81
83) tert-Butylbenzene	14.18	119	201642	56.595	ug/l	88
84) 1,2,4-Trimethylbenzene	14.22	105	182038	57.228	ug/l	91
85) sec-Butylbenzene	14.35	105	130659	33.448	ug/l	94
86) p-Isopropyltoluene	14.48	119	124515	35.676	ug/l	93
87) 1,3-Dichlorobenzene	14.44	146	83412	43.331	ug/l	98
88) 1,4-Dichlorobenzene	14.53	146	84634	44.746	ug/l	95
89) n-Butylbenzene	14.79	91	85276	27.222	ug/l	90
90) Hexachloroethane	14.99	117	39631	41.755	ug/l	97
91) 1,2-Dichlorobenzene	14.80	146	88811	56.020	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	17754	151.770	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	32649	28.294	ug/l	92
94) Hexachlorobutadiene	16.03	225	10674	12.437	ug/l	93
95) Naphthalene	16.11	128	83003	51.523	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	21790	30.034	ug/l	93

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

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