

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062195.D
 Acq On : 9 May 2019 18:34
 Operator : FY/SY
 Sample : K2717-10MS
 Misc : 4.72g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 11:53:56 AM

Quant Time: May 10 04:58:02 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	597674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	832656	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	564489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	183545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	346770	62.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.86%	
35) Dibromofluoromethane	6.90	113	437656	63.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.70%	
50) Toluene-d8	10.40	98	854877	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	13.55	95	259545	38.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	319133	55.829	ug/l	99
3) Chloromethane	1.75	50	214529	51.939	ug/l	99
4) Vinyl Chloride	1.84	62	228862	56.380	ug/l	98
5) Bromomethane	2.15	94	86813	91.271	ug/l	99
6) Chloroethane	2.27	64	111746	65.604	ug/l	98
7) Trichlorofluoromethane	2.52	101	473739	60.029	ug/l	98
8) Diethyl Ether	2.86	74	77127	50.674	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.14	101	312056	52.271	ug/l	95
10) Methyl Iodide	3.30	142	433617	48.058	ug/l	89
11) Tert butyl alcohol	4.04	59	66455	234.397	ug/l	98
12) 1,1-Dichloroethene	3.11	96	265940	58.356	ug/l	90
13) Acrolein	3.03	56	22521	76.800	ug/l	93
14) Allyl chloride	3.61	41	374160	56.468	ug/l	85
15) Acrylonitrile	4.18	53	181336	243.337	ug/l	91
16) Acetone	3.20	43	231503	198.751	ug/l #	85
17) Carbon Disulfide	3.37	76	684678	52.228	ug/l	98
18) Methyl Acetate	3.62	43	476835	229.987	ug/l	95
19) Methyl tert-butyl Ether	4.22	73	524741	53.720	ug/l	94
20) Methylene Chloride	3.80	84	262338	53.941	ug/l	92
21) trans-1,2-Dichloroethene	4.21	96	265721	52.399	ug/l	97
22) Diisopropyl ether	5.10	45	799663	56.713	ug/l #	85
23) Vinyl Acetate	5.09	43	392231	52.723	ug/l #	77
24) 1,1-Dichloroethane	4.96	63	469724	55.222	ug/l	99
25) 2-Butanone	6.05	43	277211	218.190	ug/l	95
26) 2,2-Dichloropropane	6.00	77	465752	54.968	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	292436	51.520	ug/l	93
28) Bromochloromethane	6.42	49	203074	60.681	ug/l	96
29) Tetrahydrofuran	6.43	42	144340	246.568	ug/l	99
30) Chloroform	6.65	83	569717	55.575	ug/l	99
31) Cyclohexane	6.94	56	261313	44.841	ug/l	94
32) 1,1,1-Trichloroethane	6.85	97	536882	55.409	ug/l	99
36) 1,1-Dichloropropene	7.13	75	358000	52.439	ug/l	95
37) Ethyl Acetate	6.15	43	56723	19.592	ug/l #	83
38) Carbon Tetrachloride	7.09	117	534457m	56.561	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	197240	30.154	ug/l	94
40) Benzene	7.43	78	796658	51.677	ug/l	97
41) Methacrylonitrile	6.42	41	176968	50.018	ug/l	91
42) 1,2-Dichloroethane	7.56	62	365585	55.972	ug/l	95
43) Isopropyl Acetate	9.22	43	60406	14.711	ug/l	95
44) Trichloroethene	8.53	130	285442	48.591	ug/l	89
45) 1,2-Dichloropropane	8.92	63	187375	49.139	ug/l	95
46) Dibromomethane	9.05	93	156830	50.577	ug/l	88
47) Bromodichloromethane	9.36	83	407999	53.792	ug/l	98
48) Methyl methacrylate	9.11	41	159477	63.055	ug/l	93
49) 1,4-Dioxane	9.06	88	27066	991.840	ug/l #	88
51) 4-Methyl-2-Pentanone	10.29	43	607826	230.287	ug/l	96
52) Toluene	10.49	92	472263	47.083	ug/l	100
53) t-1,3-Dichloropropene	10.90	75	306871	46.812	ug/l	98
54) cis-1,3-Dichloropropene	10.02	75	350275	48.980	ug/l	91
55) 1,1,2-Trichloroethane	11.17	97	180206	50.777	ug/l	97
56) Ethyl methacrylate	11.03	69	65094	17.651	ug/l #	85
57) 1,3-Dichloropropane	11.39	76	272655	50.853	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.84	63	488450	242.471	ug/l	96
59) 2-Hexanone	11.52	43	387566	199.226	ug/l	93
60) Dibromochloromethane	11.68	129	318263	51.890	ug/l	99
61) 1,2-Dibromoethane	11.79	107	205943	47.730	ug/l	97
64) Tetrachloroethene	11.24	164	204422	46.311	ug/l	94
65) Chlorobenzene	12.38	112	480964	45.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.50	131	289757	63.325	ug/l	95
67) Ethyl Benzene	12.51	91	929158	52.788	ug/l	99
68) m/p-Xylenes	12.66	106	625111	97.614	ug/l	94
69) o-Xylene	13.04	106	315025	52.913	ug/l	95
70) Styrene	13.06	104	493598	48.941	ug/l	97
71) Bromoform	13.22	173	174887	54.935	ug/l	99
73) Isopropylbenzene	13.40	105	772609	70.223	ug/l	98
74) N-amyl acetate	13.26	43	44728	15.506	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	170050	81.642	ug/l	99
76) 1,2,3-Trichloropropane	13.72	75	178412	81.792	ug/l	97
77) Bromobenzene	13.66	156	223370	72.524	ug/l	97
78) n-propylbenzene	13.76	91	766855	58.429	ug/l	94
79) 2-Chlorotoluene	13.83	91	465088	61.875	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	587583	63.421	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	44463	72.205	ug/l #	75
82) 4-Chlorotoluene	13.94	91	518168	58.582	ug/l	90
83) tert-Butylbenzene	14.18	119	641169	61.571	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	547067	58.842	ug/l	89
85) sec-Butylbenzene	14.36	105	527460	46.197	ug/l	97
86) p-Isopropyltoluene	14.48	119	494821	48.508	ug/l	92
87) 1,3-Dichlorobenzene	14.45	146	261946	46.557	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	248090	44.877	ug/l	97
89) n-Butylbenzene	14.79	91	306623	33.489	ug/l	98
90) Hexachloroethane	15.00	117	144197	51.980	ug/l	75
91) 1,2-Dichlorobenzene	14.80	146	228779	49.374	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	26042	76.167	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	64370	19.086	ug/l	94
94) Hexachlorobutadiene	16.03	225	41362	16.489	ug/l	94
95) Naphthalene	16.11	128	136475	28.984	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	39763	18.752	ug/l	95

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

