

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062328.D
 Acq On : 14 May 2019 3:26
 Operator : FY/SY
 Sample : K2735-06MSD
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS015-1824-01MSD

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:50:54 AM

Quant Time: May 14 06:57:02 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	7.07	168	618504	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	883477	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	630871	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	270774	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.48	65	323189	56.23	ug/l	0.06
Spiked Amount	50.000		Recovery	=	112.46%	
35) Dibromofluoromethane	6.95	113	401552	54.78	ug/l	0.06
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	10.43	98	787415	44.55	ug/l	0.04
Spiked Amount	50.000		Recovery	=	89.10%	
62) 4-Bromofluorobenzene	13.56	95	302502	42.62	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	374322	63.279	ug/l	99
3) Chloromethane	1.76	50	244452	57.190	ug/l	98
4) Vinyl Chloride	1.86	62	270833	64.472	ug/l	98
5) Bromomethane	2.17	94	120342	122.261	ug/l	99
6) Chloroethane	2.28	64	129124	73.254	ug/l	94
7) Trichlorofluoromethane	2.55	101	613637	75.137	ug/l	98
8) Diethyl Ether	2.89	74	75749	48.092	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.17	101	380156	61.534	ug/l	97
10) Methyl Iodide	3.33	142	505957	54.187	ug/l #	81
11) Tert butyl alcohol	4.09	59	67518	230.126	ug/l #	94
12) 1,1-Dichloroethene	3.15	96	307560	65.216	ug/l	88
14) Allyl chloride	3.64	41	405744	59.172	ug/l #	78
15) Acrylonitrile	4.21	53	148496	192.558	ug/l	94
16) Acetone	3.24	43	216651	179.736	ug/l #	84
17) Carbon Disulfide	3.40	76	780300	57.517	ug/l	99
18) Methyl Acetate	3.66	43	298980	139.227	ug/l	94
19) Methyl tert-butyl Ether	4.26	73	555584	54.962	ug/l	95
20) Methylene Chloride	3.84	84	299244	59.457	ug/l	97
21) trans-1,2-Dichloroethene	4.24	96	320772	61.125	ug/l	91
22) Diisopropyl ether	5.15	45	893868	61.259	ug/l #	88
23) Vinyl Acetate	5.15	43	534328	69.405	ug/l #	77
24) 1,1-Dichloroethane	5.02	63	583212	66.255	ug/l	99
25) 2-Butanone	6.09	43	228920	174.112	ug/l	94
26) 2,2-Dichloropropane	6.05	77	518599	59.144	ug/l	94
27) cis-1,2-Dichloroethene	6.06	96	359011	61.118	ug/l	97
28) Bromochloromethane	6.47	49	170549	49.246	ug/l	94
29) Tetrahydrofuran	6.49	42	144453	238.451	ug/l	95
30) Chloroform	6.69	83	755455	71.211	ug/l	99
31) Cyclohexane	6.98	56	365732	60.645	ug/l	96
32) 1,1,1-Trichloroethane	6.90	97	730003	72.802	ug/l	99
36) 1,1-Dichloropropene	7.17	75	469637	64.834	ug/l	95
37) Ethyl Acetate	6.20	43	50484	16.434	ug/l #	94
38) Carbon Tetrachloride	7.14	117	722463m	72.060	ug/l	
39) Methylcyclohexane	8.89	83	363932	52.437	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	7.48	78	979798	59.901	ug/l	100
41) Methacrylonitrile	6.47	41	180195	48.000	ug/l #	86
42) 1,2-Dichloroethane	7.60	62	466645	67.335	ug/l	94
43) Isopropyl Acetate	9.26	43	56028	12.860	ug/l	99
44) Trichloroethene	8.56	130	360412	57.824	ug/l	86
45) 1,2-Dichloropropane	8.96	63	237927	58.806	ug/l	97
46) Dibromomethane	9.08	93	187718	57.055	ug/l	93
47) Bromodichloromethane	9.40	83	538203	66.877	ug/l	97
48) Methyl methacrylate	9.14	41	143681	53.541	ug/l #	85
49) 1,4-Dioxane	9.10	88	25057	865.401	ug/l #	92
51) 4-Methyl-2-Pentanone	10.32	43	599326	214.005	ug/l	93
52) Toluene	10.53	92	580578	54.552	ug/l	99
53) t-1,3-Dichloropropene	10.93	75	353238	50.786	ug/l	97
54) cis-1,3-Dichloropropene	10.06	75	405232	53.405	ug/l #	88
55) 1,1,2-Trichloroethane	11.21	97	198289	52.658	ug/l	99
56) Ethyl methacrylate	11.06	69	67517	17.255	ug/l #	91
57) 1,3-Dichloropropane	11.43	76	287945	50.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	362833	169.753	ug/l	98
59) 2-Hexanone	11.54	43	358666	173.764	ug/l	86
60) Dibromochloromethane	11.70	129	374937	57.614	ug/l	100
61) 1,2-Dibromoethane	11.82	107	228140	49.833	ug/l	99
64) Tetrachloroethene	11.28	164	321137	65.098	ug/l	91
65) Chlorobenzene	12.41	112	677268	57.639	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	358557	70.115	ug/l	94
67) Ethyl Benzene	12.54	91	1366913	69.487	ug/l	96
68) m/p-Xylenes	12.68	106	849464	118.691	ug/l	85
69) o-Xylene	13.06	106	401516	60.344	ug/l	81
70) Stvrene	13.08	104	462652	41.046	ug/l	94
71) Bromoform	13.25	173	199692	56.127	ug/l #	99
73) Isopropylbenzene	13.41	105	1184835	72.998	ug/l	96
74) N-amyl acetate	13.28	43	57647	13.547	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	192368	62.605	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	191447	59.494	ug/l	98
77) Bromobenzene	13.68	156	323136	71.118	ug/l	94
78) n-propylbenzene	13.78	91	1251657	64.646	ug/l	91
79) 2-Chlorotoluene	13.85	91	715118	64.490	ug/l	88
80) 1,3,5-Trimethylbenzene	13.95	105	963050	70.461	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.48	75	43946	48.375	ug/l #	62
82) 4-Chlorotoluene	13.96	91	860968	65.980	ug/l	86
83) tert-Butylbenzene	14.20	119	1079164	70.246	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	922748	67.277	ug/l	93
85) sec-Butylbenzene	14.38	105	1028889	61.085	ug/l	99
86) p-Isopropyltoluene	14.50	119	927016	61.601	ug/l	91
87) 1,3-Dichlorobenzene	14.47	146	471903	56.855	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	427008	52.358	ug/l	98
89) n-Butylbenzene	14.80	91	688596	50.979	ug/l	93
90) Hexachloroethane	15.02	117	275917	67.421	ug/l	73
91) 1,2-Dichlorobenzene	14.82	146	392095	57.360	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	30268	60.009	ug/l	99
93) 1,2,4-Trichlorobenzene	15.95	180	221063	44.431	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	16.04	225	127332	34.409	µg/l	99
95) Naphthalene	16.13	128	308944	44.476	µg/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	149094	47.660	µg/l	98

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

