

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032619\
 Data File : VD061338.D
 Acq On : 26 Mar 2019 16:13
 Operator : VA/AP
 Sample : K2047-04MS
 Misc : 6.50g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB431-190320-(21-23)MS

Manual Integrations
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MMDadoda
 3/27/2019 12:02:26 PM

Quant Time: Mar 27 09:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	74786	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	154116	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	159808	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	74070	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	68022	105.42	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	210.84%	
35) Dibromofluoromethane	6.92	113	86343	73.22	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	146.44%	
50) Toluene-d8	10.40	98	167634	58.62	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	117.24%	
62) 4-Bromofluorobenzene	13.55	95	79956	71.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	143.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	23853	31.196	ug/l	92
3) Chloromethane	1.76	50	39242	65.790	ug/l	98
4) Vinyl Chloride	1.86	62	30204	54.157	ug/l	97
5) Bromomethane	2.16	94	11629	102.733	ug/l	89
6) Chloroethane	2.28	64	12360	70.446	ug/l	92
7) Trichlorofluoromethane	2.53	101	34546	41.906	ug/l	92
8) Diethyl Ether	2.87	74	31787	129.682	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.15	101	31424	37.451	ug/l	97
10) Methyl Iodide	3.31	142	49755	42.444	ug/l	98
11) Tert butyl alcohol	4.04	59	103501	3013.343	ug/l	96
12) 1,1-Dichloroethene	3.14	96	37426	51.836	ug/l	94
13) Acrolein	3.04	56	6674	177.516	ug/l	96
14) Allyl chloride	3.62	41	76970	75.150	ug/l	90
15) Acrylonitrile	4.19	53	186729	1545.844	ug/l	97
16) Acetone	3.21	43	250045	1620.137	ug/l	95
17) Carbon Disulfide	3.38	76	128288	53.500	ug/l	97
18) Methyl Acetate	3.64	43	131607	451.135	ug/l	96
19) Methyl tert-butyl Ether	4.23	73	178089	140.059	ug/l	98
20) Methylene Chloride	3.81	84	74252	84.767	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	54403	67.354	ug/l	95
22) Diisopropyl ether	5.10	45	197110	91.356	ug/l	96
23) Vinyl Acetate	5.05	43	480835	417.260	ug/l	98
24) 1,1-Dichloroethane	4.98	63	91257	72.580	ug/l	99
25) 2-Butanone	6.06	43	250749	1404.670	ug/l	96
26) 2,2-Dichloropropane	6.02	77	44856	42.015	ug/l	89
27) cis-1,2-Dichloroethene	6.03	96	68882	79.246	ug/l	96
28) Bromochloromethane	6.43	49	51125	97.146	ug/l	97
29) Tetrahydrofuran	6.44	42	133618	1503.796	ug/l	99
30) Chloroform	6.66	83	105212	78.525	ug/l	98
31) Cyclohexane	6.94	56	40478	39.665	ug/l	97
32) 1,1,1-Trichloroethane	6.87	97	64450	54.313	ug/l	97
36) 1,1-Dichloropropene	7.14	75	51471	40.820	ug/l	95
37) Ethyl Acetate	6.17	43	106233m	201.710	ug/l	
38) Carbon Tetrachloride	7.10	117	53836m	37.357	ug/l	

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39) Methylcyclohexane	8.85	83	36690	28.096	ug/l	90
40) Benzene	7.45	78	182161	58.169	ug/l	99
41) Methacrylonitrile	6.43	41	132280	216.142	ug/l	99
42) 1,2-Dichloroethane	7.58	62	81628	83.638	ug/l	94
43) Isopropyl Acetate	9.23	43	113703	149.731	ug/l #	97
44) Trichloroethene	8.53	130	59572	52.600	ug/l	96
45) 1,2-Dichloropropane	8.92	63	49304	63.791	ug/l	93
46) Dibromomethane	9.05	93	57205	107.977	ug/l	94
47) Bromodichloromethane	9.37	83	80801	65.070	ug/l	99
48) Methyl methacrylate	9.11	41	69803	172.221	ug/l	93
49) 1,4-Dioxane	9.06	88	29576	6650.674	ug/l	95
51) 4-Methyl-2-Pentanone	10.29	43	485602	1074.206	ug/l	98
52) Toluene	10.50	92	134689	70.292	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	87418	81.006	ug/l	100
54) cis-1,3-Dichloropropene	10.03	75	89085	67.603	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	65959	103.685	ug/l	97
56) Ethyl methacrylate	11.03	69	86861	127.958	ug/l	97
57) 1,3-Dichloropropane	11.39	76	97826	101.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	249281	705.878	ug/l	96
59) 2-Hexanone	11.52	43	381529	1162.048	ug/l	99
60) Dibromochloromethane	11.68	129	86986	87.304	ug/l	99
61) 1,2-Dibromoethane	11.80	107	90044	121.144	ug/l	93
64) Tetrachloroethene	11.25	164	50458	45.834	ug/l	97
65) Chlorobenzene	12.39	112	202433	68.772	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	65811	57.667	ug/l	98
67) Ethyl Benzene	12.52	91	213307	47.352	ug/l	98
68) m/p-Xylenes	12.66	106	71107	40.437	ug/l	96
69) o-Xylene	13.04	106	83163	50.993	ug/l	98
70) Styrene	13.07	104	157827	57.022	ug/l	91
71) Bromoform	13.23	173	65326	93.543	ug/l #	95
73) Isopropylbenzene	13.39	105	191083	39.663	ug/l	96
74) N-amyl acetate	13.26	43	84645	67.155	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	105846	113.295	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	114498	124.299	ug/l	99
77) Bromobenzene	13.66	156	70456	52.356	ug/l	94
78) n-propylbenzene	13.77	91	218440	40.189	ug/l	98
79) 2-Chlorotoluene	13.84	91	143084	45.213	ug/l	94
80) 1,3,5-Trimethylbenzene	14.23	105	35518	9.345	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.46	75	27792	95.602	ug/l	93
82) 4-Chlorotoluene	13.94	91	139756	40.395	ug/l	91
83) tert-Butylbenzene	14.18	119	167070	38.501	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	35518	9.345	ug/l	95
85) sec-Butylbenzene	14.36	105	166554	34.464	ug/l	95
86) p-Isopropyltoluene	14.49	119	157688	36.574	ug/l	97
87) 1,3-Dichlorobenzene	14.45	146	106961	44.841	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	120123	51.988	ug/l	98
89) n-Butylbenzene	14.79	91	139971	36.566	ug/l	97
90) Hexachloroethane	15.00	117	42061	36.386	ug/l	81
91) 1,2-Dichlorobenzene	14.80	146	127966	67.233	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	18220	156.070	ug/l	68

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93) 1,2,4-Trichlorobenzene	15.94	180	46912	53.368	ug/l	97
94) Hexachlorobutadiene	16.03	225	20494	28.935	ug/l	96
95) Naphthalene	16.12	128	156963	122.378	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	28483	69.376	ug/l	94

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

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