

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007203.D
 Acq On : 04 Dec 2018 23:44
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:20 PM

Quant Time: Dec 05 07:29:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	169945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52840	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.89	113	50596	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.33	98	222700	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	85050	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48480	42.429	ug/l	100
3) Chloromethane	2.22	50	62418	43.137	ug/l	98
4) Vinyl Chloride	2.36	62	41621	45.941	ug/l	100
5) Bromomethane	2.76	94	25014	55.099	ug/l	98
6) Chloroethane	2.92	64	24569	48.333	ug/l	96
7) Trichlorofluoromethane	3.26	101	79037	44.747	ug/l	100
8) Diethyl Ether	3.68	74	24594	49.953	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48009	44.994	ug/l	99
10) Methyl Iodide	4.28	142	44224	48.654	ug/l	100
11) Tert butyl alcohol	5.17	59	25179	273.039	ug/l	99
12) 1,1-Dichloroethene	4.04	96	45410	45.413	ug/l	99
13) Acrolein	3.90	56	19845	291.278	ug/l	99
14) Allyl chloride	4.68	41	75205	46.921	ug/l	99
15) Acrylonitrile	5.38	53	56729	275.617	ug/l	99
16) Acetone	4.13	43	51888	225.419	ug/l	99
17) Carbon Disulfide	4.38	76	153939	46.704	ug/l	99
18) Methyl Acetate	4.68	43	27435	52.216	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	122657	52.100	ug/l	99
20) Methylene Chloride	4.93	84	57754	49.802	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	52295	46.837	ug/l	97
22) Diisopropyl ether	6.32	45	149573	51.984	ug/l	97
23) Vinyl Acetate	6.26	43	413117	263.135	ug/l	98
24) 1,1-Dichloroethane	6.22	63	88662	48.077	ug/l	100
25) 2-Butanone	7.17	43	68371	256.234	ug/l	100
26) 2,2-Dichloropropane	7.17	77	77846	43.926	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57940	48.408	ug/l	100
28) Bromochloromethane	7.51	49	34580	52.002	ug/l	100
29) Tetrahydrofuran	7.53	42	44935	272.516	ug/l	99
30) Chloroform	7.68	83	93608	48.841	ug/l	97
31) Cyclohexane	7.96	56	85433	44.276	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	86534	47.977	ug/l	100
36) 1,1-Dichloropropene	8.09	75	76352	46.173	ug/l	99
37) Ethyl Acetate	7.26	43	31188	52.141	ug/l	98
38) Carbon Tetrachloride	8.07	117	76400	45.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99641	45.013	ug/l	98
40) Benzene	8.33	78	219464	48.400	ug/l	100
41) Methacrylonitrile	7.49	41	19287	53.833	ug/l	99
42) 1,2-Dichloroethane	8.40	62	60404	47.665	ug/l	98
43) Isopropyl Acetate	8.43	43	61165	52.650	ug/l	98
44) Trichloroethene	9.10	130	60688	47.614	ug/l	100
45) 1,2-Dichloropropane	9.37	63	50758	48.104	ug/l	94
46) Dibromomethane	9.46	93	26629	48.566	ug/l	98
47) Bromodichloromethane	9.65	83	68218	47.299	ug/l	94
48) Methyl methacrylate	9.44	41	31738	52.639	ug/l	97
49) 1,4-Dioxane	9.45	88	11138	1162.838	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	156344	273.090	ug/l	98
52) Toluene	10.39	92	150688	47.774	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71147	49.065	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81087	47.717	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38865	49.832	ug/l	97
56) Ethyl methacrylate	10.65	69	55717	54.767	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65317	49.605	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	110099	269.432	ug/l	100
59) 2-Hexanone	10.97	43	113111	272.547	ug/l	100
60) Dibromochloromethane	11.13	129	47570	49.627	ug/l	97
61) 1,2-Dibromoethane	11.24	107	38209	51.078	ug/l	100
64) Tetrachloroethene	10.87	164	55264	47.984	ug/l	96
65) Chlorobenzene	11.66	112	166357	47.252	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	51196	47.085	ug/l	98
67) Ethyl Benzene	11.73	91	289379	45.098	ug/l	98
68) m/p-Xylenes	11.84	106	222856	88.530	ug/l	95
69) o-Xylene	12.17	106	108201	46.006	ug/l	91
70) Styrene	12.18	104	183055	47.547	ug/l	99
71) Bromoform	12.35	173	28513	52.385	ug/l #	96
73) Isopropylbenzene	12.47	105	293183	45.816	ug/l	99
74) N-amyl acetate	12.27	43	60755	53.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44501	53.546	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27117m	22.935	ug/l	
77) Bromobenzene	12.75	156	65730	47.586	ug/l	99
78) n-propylbenzene	12.80	91	347432	45.572	ug/l	97
79) 2-Chlorotoluene	12.90	91	199138	46.256	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	246609	45.048	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14084	49.828	ug/l	97
82) 4-Chlorotoluene	12.99	91	220677	48.183	ug/l	95
83) tert-Butylbenzene	13.21	119	216335	45.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	260061	46.539	ug/l	99
85) sec-Butylbenzene	13.39	105	313484	45.900	ug/l	98
86) p-Isopropyltoluene	13.51	119	279681	46.002	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	135123	47.653	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	132138	46.134	ug/l	97
89) n-Butylbenzene	13.83	91	247849	43.625	ug/l	99
90) Hexachloroethane	14.10	117	41710	45.020	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118182	48.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8690	53.977	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76070	44.716	ug/l	98
94) Hexachlorobutadiene	15.24	225	41077	44.777	ug/l	97
95) Naphthalene	15.38	128	153246	50.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67110	46.784	ug/l	99

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

