

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006144.D
 Acq On : 18 Oct 2018 00:38
 Operator : VA/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
 10/18/2018 4:39:48 PM

Quant Time: Oct 18 13:02:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213229	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121213	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.88	113	122166	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.33	98	451415	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.62	95	175317	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65745	47.485	ug/l	99
3) Chloromethane	2.21	50	83363	46.774	ug/l	100
4) Vinyl Chloride	2.37	62	123980	48.711	ug/l	98
5) Bromomethane	2.78	94	114363	49.402	ug/l	97
6) Chloroethane	2.93	64	87516	47.981	ug/l	94
7) Trichlorofluoromethane	3.26	101	107383	45.290	ug/l	99
8) Diethyl Ether	3.68	74	63974	50.769	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	124527	50.116	ug/l	99
10) Methyl Iodide	4.27	142	217560	52.605	ug/l	99
11) Tert butyl alcohol	5.21	59	41050	263.137	ug/l	100
12) 1,1-Dichloroethene	4.03	96	118275	50.594	ug/l	95
13) Acrolein	3.89	56	38608	255.761	ug/l	95
14) Allyl chloride	4.67	41	169357	50.667	ug/l	99
15) Acrylonitrile	5.37	53	125756	278.240	ug/l	99
16) Acetone	4.14	43	114287	263.421	ug/l	98
17) Carbon Disulfide	4.38	76	341165	48.356	ug/l	100
18) Methyl Acetate	4.68	43	63511	54.408	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	191288	53.724	ug/l	95
20) Methylene Chloride	4.92	84	131892	53.863	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	138650	53.136	ug/l	99
22) Diisopropyl ether	6.31	45	350956	53.132	ug/l	98
23) Vinyl Acetate	6.26	43	1034981	265.502	ug/l	100
24) 1,1-Dichloroethane	6.21	63	227985	53.490	ug/l	99
25) 2-Butanone	7.18	43	168378	268.702	ug/l	100
26) 2,2-Dichloropropane	7.17	77	138242	45.987	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154468	53.644	ug/l	99
28) Bromochloromethane	7.51	49	92806	56.401	ug/l	95
29) Tetrahydrofuran	7.54	42	107220	278.365	ug/l	99
30) Chloroform	7.68	83	252558	54.387	ug/l	100
31) Cyclohexane	7.96	56	197446	46.518	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	213653	51.005	ug/l	99
36) 1,1-Dichloropropene	8.08	75	189978	50.528	ug/l	100
37) Ethyl Acetate	7.26	43	75134	53.785	ug/l	99
38) Carbon Tetrachloride	8.07	117	204895	49.711	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	244598	48.941	ug/l	98
40) Benzene	8.32	78	536979	52.066	ug/l	98
41) Methacrylonitrile	7.49	41	45070	53.520	ug/l	96
42) 1,2-Dichloroethane	8.40	62	164441	54.269	ug/l	100
43) Isopropyl Acetate	8.43	43	153717	53.819	ug/l	100
44) Trichloroethene	9.09	130	164526	51.997	ug/l	99
45) 1,2-Dichloropropane	9.37	63	128793	52.186	ug/l	99
46) Dibromomethane	9.46	93	76882	54.658	ug/l	99
47) Bromodichloromethane	9.65	83	179344	52.589	ug/l	99
48) Methyl methacrylate	9.44	41	75195	55.540	ug/l	98
49) 1,4-Dioxane	9.47	88	24337	1123.887	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	389091	271.889	ug/l	99
52) Toluene	10.39	92	360317	52.111	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	177227	52.161	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	202368	51.895	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106338	54.023	ug/l	98
56) Ethyl methacrylate	10.65	69	133413	55.287	ug/l	98
57) 1,3-Dichloropropane	10.93	76	175951	53.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	235117	254.988	ug/l	99
59) 2-Hexanone	10.98	43	272397	266.652	ug/l	99
60) Dibromochloromethane	11.13	129	132215	53.925	ug/l	99
61) 1,2-Dibromoethane	11.24	107	107656	54.737	ug/l	99
64) Tetrachloroethene	10.87	164	156703	53.610	ug/l	99
65) Chlorobenzene	11.66	112	422259	52.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	150986	52.710	ug/l	100
67) Ethyl Benzene	11.74	91	725216	51.917	ug/l	99
68) m/p-Xylenes	11.85	106	570594	103.346	ug/l	100
69) o-Xylene	12.17	106	274317	52.133	ug/l	100
70) Styrene	12.19	104	453623	53.015	ug/l	100
71) Bromoform	12.35	173	84585	52.941	ug/l #	99
73) Isopropylbenzene	12.47	105	764257	50.734	ug/l	100
74) N-amyl acetate	12.28	43	153921	52.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	122977	53.675	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	97955m	60.145	ug/l	
77) Bromobenzene	12.75	156	194599	52.742	ug/l	99
78) n-propylbenzene	12.81	91	885949	50.551	ug/l	100
79) 2-Chlorotoluene	12.90	91	508508	51.641	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	652319	51.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33937	49.810	ug/l	97
82) 4-Chlorotoluene	12.99	91	539188	52.272	ug/l	100
83) tert-Butylbenzene	13.21	119	580851	51.122	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	664856	51.738	ug/l	100
85) sec-Butylbenzene	13.39	105	810993	50.524	ug/l	100
86) p-Isopropyltoluene	13.51	119	742070	51.111	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	384184	52.319	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	379108	51.853	ug/l	100
89) n-Butylbenzene	13.83	91	669613	50.431	ug/l	99
90) Hexachloroethane	14.10	117	122245	49.708	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	342573	52.302	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21383	52.127	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	262786	52.142	ug/l	99
94) Hexachlorobutadiene	15.24	225	160446	50.678	ug/l	99
95) Naphthalene	15.38	128	457333	54.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	230884	52.965	ug/l	99

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

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