

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006706.D
 Acq On : 07 Nov 2018 01:10
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/7/2018 2:06:21 PM

Quant Time: Nov 07 12:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102103	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.88	113	109309	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.32	98	410817	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	151935	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57433	46.594	ug/l	98
3) Chloromethane	2.21	50	74117	48.597	ug/l	98
4) Vinyl Chloride	2.37	62	105524	49.553	ug/l	99
5) Bromomethane	2.78	94	92489	51.752	ug/l	99
6) Chloroethane	2.93	64	76644	51.511	ug/l	98
7) Trichlorofluoromethane	3.26	101	95481	50.774	ug/l	92
8) Diethyl Ether	3.68	74	54245	52.770	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104987	52.282	ug/l	98
10) Methyl Iodide	4.26	142	181115	49.743	ug/l	100
11) Tert butyl alcohol	5.24	59	28739	260.968	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	98821	50.952	ug/l	96
13) Acrolein	3.89	56	29005	209.412	ug/l	98
14) Allyl chloride	4.66	41	134344	53.066	ug/l	99
15) Acrylonitrile	5.38	53	103123	279.781	ug/l	100
16) Acetone	4.15	43	85573	259.320	ug/l	99
17) Carbon Disulfide	4.37	76	284441	51.537	ug/l	99
18) Methyl Acetate	4.68	43	52283	55.099	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	151758	52.567	ug/l	98
20) Methylene Chloride	4.91	84	115058	54.318	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118040	53.786	ug/l	98
22) Diisopropyl ether	6.32	45	291953	55.316	ug/l	98
23) Vinyl Acetate	6.26	43	825041	281.887	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195505	54.656	ug/l	99
25) 2-Butanone	7.18	43	128366	272.608	ug/l	96
26) 2,2-Dichloropropane	7.17	77	111639	51.811	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132841	54.104	ug/l	100
28) Bromochloromethane	7.51	49	75144	52.904	ug/l	98
29) Tetrahydrofuran	7.54	42	82427	278.306	ug/l	99
30) Chloroform	7.68	83	215026	54.829	ug/l	99
31) Cyclohexane	7.95	56	156745	48.146	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176931	53.316	ug/l	100
36) 1,1-Dichloropropene	8.09	75	161068	53.787	ug/l	99
37) Ethyl Acetate	7.26	43	58353	56.231	ug/l	99
38) Carbon Tetrachloride	8.07	117	170197	54.392	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199449	52.484	ug/l	99
40) Benzene	8.32	78	472032	55.496	ug/l	99
41) Methacrylonitrile	7.49	41	37265	58.562	ug/l	98
42) 1,2-Dichloroethane	8.40	62	133794	54.849	ug/l	100
43) Isopropyl Acetate	8.43	43	116553	56.284	ug/l	99
44) Trichloroethene	9.09	130	142246	54.195	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112251	56.709	ug/l	100
46) Dibromomethane	9.46	93	65550	56.335	ug/l	99
47) Bromodichloromethane	9.65	83	156992	58.108	ug/l	100
48) Methyl methacrylate	9.44	41	56547	56.677	ug/l	97
49) 1,4-Dioxane	9.48	88	19694	1156.515	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	304981	286.765	ug/l	100
52) Toluene	10.39	92	314867	55.193	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	151268	58.176	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174001	56.629	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94890	57.476	ug/l	96
56) Ethyl methacrylate	10.65	69	107897	57.500	ug/l	97
57) 1,3-Dichloropropane	10.93	76	151493	56.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248603	272.542	ug/l	99
59) 2-Hexanone	10.97	43	206200	285.463	ug/l	100
60) Dibromochloromethane	11.13	129	115933	59.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	93030	56.743	ug/l	99
64) Tetrachloroethene	10.87	164	135930	52.566	ug/l	98
65) Chlorobenzene	11.66	112	371733	54.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	133768	55.753	ug/l	99
67) Ethyl Benzene	11.73	91	621889	54.505	ug/l	99
68) m/p-Xylenes	11.84	106	501823	110.086	ug/l	99
69) o-Xylene	12.17	106	240480	55.413	ug/l	100
70) Styrene	12.18	104	399349	56.443	ug/l	99
71) Bromoform	12.35	173	74237	58.370	ug/l #	99
73) Isopropylbenzene	12.47	105	652402	52.837	ug/l	100
74) N-amyl acetate	12.27	43	117343	54.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107807	55.281	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79642m	54.459	ug/l	
77) Bromobenzene	12.75	156	171729	53.718	ug/l	100
78) n-propylbenzene	12.81	91	760871	53.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	434915	53.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	555691	53.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29228	51.664	ug/l	100
82) 4-Chlorotoluene	12.99	91	465257	53.955	ug/l	100
83) tert-Butylbenzene	13.21	119	498784	53.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	575263	54.066	ug/l	100
85) sec-Butylbenzene	13.39	105	697425	53.830	ug/l	100
86) p-Isopropyltoluene	13.51	119	635286	53.888	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342327	54.373	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	339389	54.383	ug/l	100
89) n-Butylbenzene	13.83	91	568959	54.368	ug/l	100
90) Hexachloroethane	14.10	117	108701	56.102	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	305797	53.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16897	53.398	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	223313	53.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	135707	51.707	ug/l	100
95) Naphthalene	15.38	128	371952	54.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	197214	53.287	ug/l	99

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

