

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006821.D
 Acq On : 12 Nov 2018 22:28
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:57:29 PM

Quant Time: Nov 13 03:19:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	393554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107680	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.89	113	115433	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.33	98	485201	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	184656	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	112479	46.660	ug/l	98
3) Chloromethane	2.21	50	140696	51.771	ug/l	99
4) Vinyl Chloride	2.36	62	146632	50.264	ug/l	99
5) Bromomethane	2.78	94	108037	55.047	ug/l	96
6) Chloroethane	2.92	64	94653	50.282	ug/l	99
7) Trichlorofluoromethane	3.26	101	181324	47.088	ug/l	100
8) Diethyl Ether	3.69	74	57517	50.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	117557	45.022	ug/l	99
10) Methyl Iodide	4.28	142	182435	49.852	ug/l	100
11) Tert butyl alcohol	5.21	59	40409	288.391	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105520	47.843	ug/l	97
13) Acrolein	3.90	56	45039	307.336	ug/l	98
14) Allyl chloride	4.68	41	144701	49.881	ug/l	100
15) Acrylonitrile	5.38	53	119102	278.320	ug/l	99
16) Acetone	4.14	43	84244	274.808	ug/l	98
17) Carbon Disulfide	4.39	76	352711	50.567	ug/l	100
18) Methyl Acetate	4.68	43	57039	54.394	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	283938	54.225	ug/l	99
20) Methylene Chloride	4.92	84	142012	50.988	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	126668	48.697	ug/l	99
22) Diisopropyl ether	6.32	45	321403	53.348	ug/l	99
23) Vinyl Acetate	6.26	43	919082	270.609	ug/l	100
24) 1,1-Dichloroethane	6.22	63	200406	50.156	ug/l	99
25) 2-Butanone	7.18	43	141707	273.335	ug/l	99
26) 2,2-Dichloropropane	7.17	77	174217	43.335	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	140853	50.792	ug/l	99
28) Bromochloromethane	7.52	49	74132	53.041	ug/l	99
29) Tetrahydrofuran	7.54	42	91771	276.603	ug/l	98
30) Chloroform	7.68	83	222182	50.928	ug/l	99
31) Cyclohexane	7.96	56	186275	45.544	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	202102	47.992	ug/l	99
36) 1,1-Dichloropropene	8.09	75	177233	48.123	ug/l	99
37) Ethyl Acetate	7.26	43	63575	52.791	ug/l	99
38) Carbon Tetrachloride	8.07	117	185186	46.264	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224828	47.053	ug/l	99
40) Benzene	8.33	78	521772	50.949	ug/l	99
41) Methacrylonitrile	7.49	41	35933	48.594	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	140873	51.343	ug/l	99
43) Isopropyl Acetate	8.43	43	126774	54.127	ug/l	100
44) Trichloroethene	9.09	130	156209	48.341	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123334	51.673	ug/l	99
46) Dibromomethane	9.46	93	69163	52.057	ug/l	100
47) Bromodichloromethane	9.65	83	167909	50.952	ug/l	99
48) Methyl methacrylate	9.44	41	61076	53.188	ug/l	99
49) 1,4-Dioxane	9.47	88	23630	1177.211	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	329855	280.867	ug/l	99
52) Toluene	10.39	92	375791	51.761	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	170298	52.492	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	197806	51.419	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105386	53.454	ug/l	98
56) Ethyl methacrylate	10.65	69	121568	56.264	ug/l	97
57) 1,3-Dichloropropane	10.93	76	166247	53.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285352	263.691	ug/l	99
59) 2-Hexanone	10.97	43	231756	286.094	ug/l	99
60) Dibromochloromethane	11.13	129	130189	53.966	ug/l	99
61) 1,2-Dibromoethane	11.24	107	100776	53.821	ug/l	99
64) Tetrachloroethene	10.87	164	157374	49.598	ug/l	99
65) Chlorobenzene	11.66	112	441964	50.315	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	143592	50.378	ug/l	99
67) Ethyl Benzene	11.74	91	749954	50.081	ug/l	99
68) m/p-Xylenes	11.84	106	614109	100.229	ug/l	100
69) o-Xylene	12.17	106	289724	50.808	ug/l	99
70) Styrene	12.18	104	477828	52.354	ug/l	99
71) Bromoform	12.35	173	80900	52.008	ug/l #	100
73) Isopropylbenzene	12.47	105	777815	49.657	ug/l	99
74) N-amyl acetate	12.27	43	129349	54.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	115388	53.252	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86627m	53.268	ug/l	
77) Bromobenzene	12.75	156	200966	50.889	ug/l	100
78) n-propylbenzene	12.81	91	912572	49.363	ug/l	100
79) 2-Chlorotoluene	12.90	91	516894	49.835	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	674446	50.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33317	50.677	ug/l	100
82) 4-Chlorotoluene	12.99	91	556647	50.301	ug/l	100
83) tert-Butylbenzene	13.21	119	593418	49.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	695186	50.731	ug/l	100
85) sec-Butylbenzene	13.39	105	833030	49.389	ug/l	100
86) p-Isopropyltoluene	13.51	119	758055	49.411	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	403998	50.195	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	399444	50.162	ug/l	99
89) n-Butylbenzene	13.83	91	685982	48.927	ug/l	100
90) Hexachloroethane	14.10	117	121994	49.695	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	360418	51.421	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18771	54.110	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263745	49.839	ug/l	98
94) Hexachlorobutadiene	15.24	225	161272	48.094	ug/l	99
95) Naphthalene	15.38	128	425765	53.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	229614	50.561	ug/l	99

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

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