

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070518\
 Data File : VW003712.D
 Acq On : 05 Jul 2018 10:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/6/2018 10:01:00 AM

Quant Time: Jul 06 02:48:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158108	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.88	113	144226	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.32	98	578845	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.62	95	204052	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91032	59.785	ug/l	97
3) Chloromethane	2.21	50	118485	53.849	ug/l	100
4) Vinyl Chloride	2.36	62	161329	53.740	ug/l	99
5) Bromomethane	2.78	94	99131	50.364	ug/l	99
6) Chloroethane	2.92	64	98481	54.519	ug/l	100
7) Trichlorofluoromethane	3.25	101	82015	51.375	ug/l	96
8) Diethyl Ether	3.67	74	70527	47.747	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	140583	52.992	ug/l	99
10) Methyl Iodide	4.26	142	210005	53.908	ug/l	100
11) Tert butyl alcohol	5.23	59	43995	213.502	ug/l	100
12) 1,1-Dichloroethene	4.03	96	140205	53.025	ug/l	99
13) Acrolein	3.89	56	26101	261.045	ug/l	94
14) Allyl chloride	4.65	41	243575	53.862	ug/l	100
15) Acrylonitrile	5.38	53	157541	229.961	ug/l	100
16) Acetone	4.14	43	189479	241.041	ug/l	97
17) Carbon Disulfide	4.37	76	444619	56.013	ug/l	100
18) Methyl Acetate	4.68	43	74425	43.670	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	257956	49.945	ug/l	99
20) Methylene Chloride	4.91	84	145058	48.038	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	152737	52.743	ug/l	100
22) Diisopropyl ether	6.31	45	478695	51.630	ug/l	100
23) Vinyl Acetate	6.26	43	1464199	233.864	ug/l	100
24) 1,1-Dichloroethane	6.21	63	284675	51.486	ug/l	98
25) 2-Butanone	7.18	43	233570	232.051	ug/l	100
26) 2,2-Dichloropropane	7.17	77	175090	51.646	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	165093	52.351	ug/l	98
28) Bromochloromethane	7.51	49	112871	46.440	ug/l	99
29) Tetrahydrofuran	7.54	42	138126	228.924	ug/l	99
30) Chloroform	7.67	83	285270	51.024	ug/l	99
31) Cyclohexane	7.95	56	259141	51.475	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	231639	53.222	ug/l	99
36) 1,1-Dichloropropene	8.08	75	233365	55.518	ug/l	99
37) Ethyl Acetate	7.26	43	99898	48.825	ug/l	98
38) Carbon Tetrachloride	8.07	117	226914	56.747	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279383	57.717	ug/l	100
40) Benzene	8.32	78	641825	54.326	ug/l	100
41) Methacrylonitrile	7.49	41	55836	48.012	ug/l	98
42) 1,2-Dichloroethane	8.40	62	191073	51.363	ug/l	99
43) Isopropyl Acetate	8.43	43	188390	48.888	ug/l	100
44) Trichloroethene	9.09	130	165449	54.172	ug/l	100
45) 1,2-Dichloropropane	9.37	63	162570	53.045	ug/l	99
46) Dibromomethane	9.46	93	82012	51.527	ug/l	99
47) Bromodichloromethane	9.65	83	207164	52.653	ug/l	98
48) Methyl methacrylate	9.44	41	92401	45.688	ug/l	99
49) 1,4-Dioxane	9.48	88	25023	1002.192	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	493720	243.146	ug/l	100
52) Toluene	10.39	92	406280	55.106	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	217996	53.405	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250697	54.173	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	113154	50.461	ug/l	96
56) Ethyl methacrylate	10.65	69	147328	46.563	ug/l	97
57) 1,3-Dichloropropane	10.93	76	199169	51.129	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	285530	238.221	ug/l	99
59) 2-Hexanone	10.98	43	369016	254.229	ug/l	99
60) Dibromochloromethane	11.13	129	137964	52.630	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108898	50.702	ug/l	100
64) Tetrachloroethene	10.87	164	141091	54.348	ug/l	98
65) Chlorobenzene	11.66	112	438245	54.270	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	154980	54.916	ug/l	99
67) Ethyl Benzene	11.74	91	803627	56.798	ug/l	99
68) m/p-Xylenes	11.85	106	615161	114.332	ug/l	99
69) o-Xylene	12.17	106	285179	57.334	ug/l	98
70) Styrene	12.19	104	474872	56.841	ug/l	99
71) Bromoform	12.35	173	83450	53.217	ug/l #	99
73) Isopropylbenzene	12.47	105	791952	57.231	ug/l	100
74) N-amyl acetate	12.28	43	185364	50.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	136186	50.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	90714m	49.594	ug/l	
77) Bromobenzene	12.75	156	179435	54.030	ug/l	99
78) n-propylbenzene	12.81	91	979715	57.310	ug/l	100
79) 2-Chlorotoluene	12.90	91	542107	55.727	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669937	57.229	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45541	52.756	ug/l	97
82) 4-Chlorotoluene	12.99	91	572504	55.440	ug/l	100
83) tert-Butylbenzene	13.21	119	568064	57.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	689194	57.187	ug/l	99
85) sec-Butylbenzene	13.39	105	845295	57.527	ug/l	100
86) p-Isopropyltoluene	13.51	119	745515	58.006	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	368476	54.669	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	363475	53.966	ug/l	100
89) n-Butylbenzene	13.83	91	736088	57.929	ug/l	99
90) Hexachloroethane	14.10	117	134314	56.252	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	321691	53.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23185	49.162	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	231352	54.444	ug/l	100
94) Hexachlorobutadiene	15.25	225	138664	56.500	ug/l	98
95) Naphthalene	15.38	128	410086	53.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	202627	53.531	ug/l	100

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

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