

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006785.D
 Acq On : 09 Nov 2018 13:32
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:40:38 PM

Quant Time: Nov 09 13:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 12:43:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	317721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101686	37.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.46%	
35) Dibromofluoromethane	7.89	113	108680	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	
50) Toluene-d8	10.33	98	473728	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.62	95	174149	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	118878	72.176	ug/l	96
3) Chloromethane	2.21	50	145139	71.220	ug/l	100
4) Vinyl Chloride	2.36	62	155976	54.815	ug/l	99
5) Bromomethane	2.78	94	108059	45.251	ug/l	98
6) Chloroethane	2.92	64	98068	49.326	ug/l	99
7) Trichlorofluoromethane	3.26	101	186308	74.144	ug/l	94
8) Diethyl Ether	3.69	74	53264	38.778	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	121538	45.295	ug/l	100
10) Methyl Iodide	4.28	142	187273	38.493	ug/l	100
11) Tert butyl alcohol	5.21	59	34148	232.062	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	104903	40.478	ug/l	99
13) Acrolein	3.91	56	36260	195.921	ug/l	100
14) Allyl chloride	4.67	41	142242	42.048	ug/l	98
15) Acrylonitrile	5.38	53	112811	229.054	ug/l	99
16) Acetone	4.15	43	71014	161.053	ug/l	99
17) Carbon Disulfide	4.39	76	362361	49.135	ug/l	100
18) Methyl Acetate	4.68	43	50485	39.817	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	261319	67.742	ug/l	99
20) Methylene Chloride	4.92	84	138994	40.485	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	124601	42.490	ug/l	97
22) Diisopropyl ether	6.32	45	307012	43.533	ug/l	98
23) Vinyl Acetate	6.26	43	882425	225.632	ug/l	99
24) 1,1-Dichloroethane	6.23	63	196205	41.050	ug/l	99
25) 2-Butanone	7.18	43	128321	203.944	ug/l	97
26) 2,2-Dichloropropane	7.17	77	182204	63.283	ug/l	96
27) cis-1,2-Dichloroethene	7.18	96	133645	40.736	ug/l	97
28) Bromochloromethane	7.52	49	74548	39.279	ug/l	99
29) Tetrahydrofuran	7.54	42	84627	213.838	ug/l	99
30) Chloroform	7.68	83	213682	40.776	ug/l	99
31) Cyclohexane	7.96	56	197052	45.297	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	203911	45.985	ug/l	100
36) 1,1-Dichloropropene	8.09	75	178706	48.749	ug/l	100
37) Ethyl Acetate	7.26	43	61383	48.319	ug/l	100
38) Carbon Tetrachloride	8.07	117	186582	48.709	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235963	50.722	ug/l	98
40) Benzene	8.33	78	509961	48.976	ug/l	99
41) Methacrylonitrile	7.49	41	33842	43.444	ug/l	93
42) 1,2-Dichloroethane	8.40	62	134899	45.175	ug/l	99
43) Isopropyl Acetate	8.43	43	117866	46.495	ug/l	99
44) Trichloroethene	9.10	130	154715	48.151	ug/l	98
45) 1,2-Dichloropropane	9.37	63	117607	48.535	ug/l	99
46) Dibromomethane	9.46	93	66588	46.747	ug/l	98
47) Bromodichloromethane	9.65	83	160126	48.415	ug/l	98
48) Methyl methacrylate	9.44	41	57831	47.350	ug/l	97
49) 1,4-Dioxane	9.48	88	20907	1002.918	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	316652	243.216	ug/l	100
52) Toluene	10.39	92	374062	53.562	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	162670	51.105	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	187766	49.918	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97348	48.167	ug/l	96
56) Ethyl methacrylate	10.65	69	118766	51.702	ug/l	98
57) 1,3-Dichloropropane	10.94	76	158062	48.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	277633	248.630	ug/l	100
59) 2-Hexanone	10.98	43	224472	253.852	ug/l	99
60) Dibromochloromethane	11.13	129	119095	49.736	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95604	47.635	ug/l	100
64) Tetrachloroethene	10.87	164	154923	46.358	ug/l	99
65) Chlorobenzene	11.66	112	431833	48.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	136312	43.962	ug/l	99
67) Ethyl Benzene	11.74	91	742523	50.356	ug/l	100
68) m/p-Xylenes	11.84	106	604788	102.661	ug/l	99
69) o-Xylene	12.17	106	279954	49.916	ug/l	100
70) Styrene	12.18	104	462500	50.581	ug/l	100
71) Bromoform	12.35	173	76106	46.303	ug/l #	100
73) Isopropylbenzene	12.47	105	773234	48.608	ug/l	99
74) N-amyl acetate	12.27	43	126629	46.066	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110773	44.089	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84980m	45.104	ug/l	
77) Bromobenzene	12.75	156	195805	47.541	ug/l	99
78) n-propylbenzene	12.81	91	918084	50.176	ug/l	100
79) 2-Chlorotoluene	12.90	91	508503	48.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666646	49.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32704	50.407	ug/l	97
82) 4-Chlorotoluene	12.99	91	543696	48.940	ug/l	100
83) tert-Butylbenzene	13.21	119	581254	48.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	686851	50.106	ug/l	99
85) sec-Butylbenzene	13.39	105	827776	49.591	ug/l	100
86) p-Isopropyltoluene	13.51	119	766887	50.492	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397218	48.971	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393474	48.938	ug/l	100
89) n-Butylbenzene	13.83	91	700004	51.920	ug/l	99
90) Hexachloroethane	14.10	117	119827	48.003	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	349054	47.841	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18506	45.394	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	265700	48.975	ug/l	99
94) Hexachlorobutadiene	15.24	225	165507	48.948	ug/l	99
95) Naphthalene	15.38	128	425064	48.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	232493	48.760	ug/l	99

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

