

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006551.D
 Acq On : 01 Nov 2018 10:43
 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
 11/2/2018 3:20:49 PM

Quant Time: Nov 01 14:01:53 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	339267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	465849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	421426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	233957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	133513	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	7.88	113	149788	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	585495	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.62	95	205491	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	91768	52.178	ug/l	99
3) Chloromethane	2.22	50	105661	48.556	ug/l	98
4) Vinyl Chloride	2.37	62	154142	50.730	ug/l	100
5) Bromomethane	2.79	94	122346	47.980	ug/l	100
6) Chloroethane	2.93	64	104832	49.379	ug/l	99
7) Trichlorofluoromethane	3.26	101	148912	55.498	ug/l	97
8) Diethyl Ether	3.68	74	63946	43.598	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	151601	52.911	ug/l	99
10) Methyl Iodide	4.26	142	258208	49.702	ug/l	100
11) Tert butyl alcohol	5.25	59	33998m	216.370	ug/l	
12) 1,1-Dichloroethene	4.03	96	143099	51.710	ug/l	98
13) Acrolein	3.90	56	51152	258.833	ug/l	99
14) Allyl chloride	4.67	41	185244	51.282	ug/l	99
15) Acrylonitrile	5.38	53	112963	214.797	ug/l	99
16) Acetone	4.15	43	133523	283.586	ug/l	99
17) Carbon Disulfide	4.37	76	424185	53.865	ug/l	100
18) Methyl Acetate	4.68	43	54989	40.615	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	189739	46.062	ug/l	98
20) Methylene Chloride	4.92	84	141482	45.874	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	158409	50.588	ug/l	99
22) Diisopropyl ether	6.32	45	359554	47.745	ug/l	99
23) Vinyl Acetate	6.26	43	986389	236.198	ug/l	100
24) 1,1-Dichloroethane	6.22	63	248642	48.717	ug/l	99
25) 2-Butanone	7.19	43	156742	233.293	ug/l	95
26) 2,2-Dichloropropane	7.17	77	176481	57.402	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	169490	48.380	ug/l	98
28) Bromochloromethane	7.51	49	90037	44.427	ug/l	100
29) Tetrahydrofuran	7.54	42	89225	211.139	ug/l	99
30) Chloroform	7.68	83	271323	48.488	ug/l	99
31) Cyclohexane	7.96	56	231406	49.816	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	246832	52.130	ug/l	100
36) 1,1-Dichloropropene	8.09	75	218940	53.443	ug/l	99
37) Ethyl Acetate	7.26	43	62373	43.935	ug/l	99
38) Carbon Tetrachloride	8.07	117	240309	56.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	295658	56.870	ug/l	98
40) Benzene	8.33	78	602537	51.782	ug/l	99
41) Methacrylonitrile	7.49	41	40040	45.994	ug/l	97
42) 1,2-Dichloroethane	8.40	62	159840	47.898	ug/l	100
43) Isopropyl Acetate	8.43	43	128867	45.489	ug/l	99
44) Trichloroethene	9.09	130	188812	52.583	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136488	50.403	ug/l	98
46) Dibromomethane	9.46	93	75800	47.618	ug/l	100
47) Bromodichloromethane	9.65	83	189577	51.291	ug/l	98
48) Methyl methacrylate	9.44	41	63463	46.496	ug/l	99
49) 1,4-Dioxane	9.49	88	23201	995.913	ug/l	91
51) 4-Methyl-2-Pentanone	10.21	43	325803	223.927	ug/l	99
52) Toluene	10.39	92	403796	51.739	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	186917	52.547	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	222575	52.949	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	107335	47.523	ug/l	95
56) Ethyl methacrylate	10.65	69	122372	47.669	ug/l	99
57) 1,3-Dichloropropane	10.94	76	174084	47.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	286036	229.216	ug/l	99
59) 2-Hexanone	10.98	43	241352	244.236	ug/l	100
60) Dibromochloromethane	11.13	129	136233	50.909	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107188	47.790	ug/l	99
64) Tetrachloroethene	10.87	164	169125	50.344	ug/l	99
65) Chlorobenzene	11.66	112	465314	52.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	163720	52.526	ug/l	99
67) Ethyl Benzene	11.74	91	806768	54.428	ug/l	99
68) m/p-Xylenes	11.84	106	646721	109.207	ug/l	99
69) o-Xylene	12.17	106	303838	53.893	ug/l	99
70) Styrene	12.19	104	491420	53.464	ug/l	100
71) Bromoform	12.35	173	85337	51.649	ug/l #	99
73) Isopropylbenzene	12.47	105	863073	56.000	ug/l	100
74) N-amyl acetate	12.28	43	127991	48.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	116484	47.853	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	107544m	58.915	ug/l	
77) Bromobenzene	12.76	156	206189	51.672	ug/l	99
78) n-propylbenzene	12.81	91	995679	56.167	ug/l	100
79) 2-Chlorotoluene	12.90	91	550393	54.100	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	719055	55.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	34998	49.671	ug/l	96
82) 4-Chlorotoluene	12.99	91	582739	54.142	ug/l	100
83) tert-Butylbenzene	13.21	119	647932	56.114	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	730445	55.000	ug/l	100
85) sec-Butylbenzene	13.39	105	922434	57.040	ug/l	99
86) p-Isopropyltoluene	13.51	119	841803	57.207	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	418505	53.255	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	409510	52.571	ug/l	99
89) n-Butylbenzene	13.83	91	757645	58.003	ug/l	100
90) Hexachloroethane	14.10	117	138926	57.444	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361652	51.162	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18554	46.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	278288	52.945	ug/l	100
94) Hexachlorobutadiene	15.24	225	183045	55.876	ug/l	99
95) Naphthalene	15.38	128	418149	49.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	234736	50.813	ug/l	100

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

