

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007623.D
 Acq On : 17 Dec 2018 11:15
 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
 12/18/2018 11:30:45 AM

Quant Time: Dec 18 07:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	41229	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	7.88	113	39063	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.32	98	151863	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	56633	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26702	48.061	ug/l	99
3) Chloromethane	2.21	50	20441	43.930	ug/l	98
4) Vinyl Chloride	2.37	62	28632	52.435	ug/l	97
5) Bromomethane	2.78	94	18077	49.272	ug/l	94
6) Chloroethane	2.93	64	15708	52.259	ug/l	97
7) Trichlorofluoromethane	3.26	101	29742	60.584	ug/l	96
8) Diethyl Ether	3.68	74	18023	46.906	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41401	51.110	ug/l	99
10) Methyl Iodide	4.26	142	65568	48.873	ug/l	97
11) Tert butyl alcohol	5.17	59	11651	192.331	ug/l	97
12) 1,1-Dichloroethene	4.03	96	39843	51.086	ug/l	99
13) Acrolein	3.89	56	10510	262.200	ug/l	97
14) Allyl chloride	4.66	41	57247	49.797	ug/l	98
15) Acrylonitrile	5.36	53	34948	215.758	ug/l	97
16) Acetone	4.12	43	42660	276.893	ug/l	99
17) Carbon Disulfide	4.37	76	119974	50.734	ug/l	100
18) Methyl Acetate	4.67	43	17179	41.083	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	54382	46.221	ug/l	95
20) Methylene Chloride	4.91	84	40338	47.697	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	42770	49.022	ug/l	98
22) Diisopropyl ether	6.31	45	105098	47.561	ug/l	97
23) Vinyl Acetate	6.25	43	289138	233.934	ug/l	100
24) 1,1-Dichloroethane	6.21	63	72584	48.601	ug/l	100
25) 2-Butanone	7.16	43	47199	234.663	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55717	56.370	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	46568	48.747	ug/l	97
28) Bromochloromethane	7.51	49	26670	47.476	ug/l	100
29) Tetrahydrofuran	7.52	42	26371	207.105	ug/l	97
30) Chloroform	7.67	83	78497	48.298	ug/l	98
31) Cyclohexane	7.96	56	64191	46.846	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73945	51.882	ug/l	99
36) 1,1-Dichloropropene	8.08	75	62868	53.840	ug/l	98
37) Ethyl Acetate	7.25	43	19371	44.603	ug/l	97
38) Carbon Tetrachloride	8.07	117	71794	56.507	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79119	55.957	ug/l	91
40) Benzene	8.32	78	167879	51.806	ug/l	99
41) Methacrylonitrile	7.48	41	11962	48.367	ug/l	99
42) 1,2-Dichloroethane	8.40	62	50898	50.001	ug/l	100
43) Isopropyl Acetate	8.42	43	39604	46.165	ug/l	100
44) Trichloroethene	9.09	130	49092	53.052	ug/l	97
45) 1,2-Dichloropropane	9.37	63	38127	50.843	ug/l	97
46) Dibromomethane	9.46	93	20977	49.259	ug/l	96
47) Bromodichloromethane	9.65	83	58562	52.427	ug/l	92
48) Methyl methacrylate	9.44	41	19280	43.760	ug/l	95
49) 1,4-Dioxane	9.45	88	6495	939.976	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	93550	230.790	ug/l	99
52) Toluene	10.39	92	110282	52.588	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56782	52.361	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	64645	51.567	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29473	50.852	ug/l	93
56) Ethyl methacrylate	10.65	69	34365	49.330	ug/l	100
57) 1,3-Dichloropropane	10.93	76	49040	51.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	87814	273.347	ug/l	99
59) 2-Hexanone	10.97	43	70350	260.280	ug/l	100
60) Dibromochloromethane	11.13	129	38740	52.964	ug/l	98
61) 1,2-Dibromoethane	11.24	107	27856	48.634	ug/l	96
64) Tetrachloroethene	10.87	164	38434	47.507	ug/l	94
65) Chlorobenzene	11.66	112	121804	51.945	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	43289	52.417	ug/l	98
67) Ethyl Benzene	11.73	91	221031	54.827	ug/l	93
68) m/p-Xylenes	11.84	106	168049	107.225	ug/l	99
69) o-Xylene	12.17	106	78401	53.563	ug/l	95
70) Styrene	12.18	104	129319	54.699	ug/l	97
71) Bromoform	12.35	173	21011	49.706	ug/l #	97
73) Isopropylbenzene	12.47	105	228984	55.412	ug/l	99
74) N-amyl acetate	12.27	43	35978	47.905	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	29977	48.978	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	19434m	43.704	ug/l	
77) Bromobenzene	12.75	156	47256	51.590	ug/l	95
78) n-propylbenzene	12.81	91	264357	56.843	ug/l	100
79) 2-Chlorotoluene	12.90	91	150793	53.587	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	193430	55.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10470	52.012	ug/l	92
82) 4-Chlorotoluene	12.99	91	160327	54.050	ug/l	98
83) tert-Butylbenzene	13.21	119	172971	56.535	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	193789	54.235	ug/l	98
85) sec-Butylbenzene	13.39	105	238440	57.089	ug/l	96
86) p-Isopropyltoluene	13.51	119	213913	57.011	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	97122	53.180	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	96739	52.689	ug/l	97
89) n-Butylbenzene	13.83	91	199540	57.365	ug/l	98
90) Hexachloroethane	14.10	117	38867	58.217	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	84391	51.592	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5996	48.817	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	58512	51.978	ug/l	93
94) Hexachlorobutadiene	15.24	225	31853	53.330	ug/l	98
95) Naphthalene	15.38	128	102408	47.554	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	48864	49.970	ug/l	97

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

