

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003676.D
 Acq On : 29 Jun 2018 22:00
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 7/2/2018 11:00:44 AM

Quant Time: Jun 30 05:17:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	293759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	154195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113936	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	99228	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.33	98	389693	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	146968	57.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29589	51.26	ug/l	95
3) Chloromethane	2.21	50	67064	45.98	ug/l	98
4) Vinyl Chloride	2.36	62	101962	47.96	ug/l	99
5) Bromomethane	2.78	94	68518	48.49	ug/l	99
6) Chloroethane	2.92	64	66104	44.67	ug/l	98
7) Trichlorofluoromethane	3.25	101	57666	45.27	ug/l	96
8) Diethyl Ether	3.67	74	51929	55.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	92142	52.09	ug/l	99
10) Methyl Iodide	4.26	142	136306	50.96	ug/l	99
11) Tert butyl alcohol	5.23	59	34508	311.12	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	88617	51.27	ug/l	98
13) Acrolein	3.89	56	33738	212.75	ug/l	95
14) Allyl chloride	4.65	41	157394	52.57	ug/l	99
15) Acrylonitrile	5.37	53	121436	315.44	ug/l	100
16) Acetone	4.14	43	114966	265.05	ug/l	98
17) Carbon Disulfide	4.37	76	243419	47.64	ug/l	99
18) Methyl Acetate	4.67	43	68399	66.47	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	190537	58.86	ug/l	96
20) Methylene Chloride	4.91	84	110435	60.72	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	100502	53.43	ug/l	100
22) Diisopropyl ether	6.31	45	356822	59.22	ug/l	97
23) Vinyl Acetate	6.26	43	1036016	298.36	ug/l	100
24) 1,1-Dichloroethane	6.21	63	203095	56.78	ug/l	98
25) 2-Butanone	7.18	43	167615	310.77	ug/l	98
26) 2,2-Dichloropropane	7.17	77	116926	48.98	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115276	55.78	ug/l	99
28) Bromochloromethane	7.51	49	94701	63.62	ug/l	97
29) Tetrahydrofuran	7.54	42	104711	317.66	ug/l	99
30) Chloroform	7.68	83	208896	57.32	ug/l	99
31) Cyclohexane	7.95	56	164757	49.30	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	162543	54.03	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157249	55.43	ug/l	99
37) Ethyl Acetate	7.26	43	74062	63.02	ug/l	99
38) Carbon Tetrachloride	8.07	117	151581	54.47	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175806	53.56	ug/l	96
40) Benzene	8.32	78	448685	57.38	ug/l	100
41) Methacrylonitrile	7.49	41	48947	67.87	ug/l	96
42) 1,2-Dichloroethane	8.40	62	146236	59.69	ug/l	99
43) Isopropyl Acetate	8.43	43	146094	62.60	ug/l	99
44) Trichloroethene	9.09	130	113757	54.90	ug/l	99
45) 1,2-Dichloropropane	9.37	63	119069	59.80	ug/l	100
46) Dibromomethane	9.46	93	62191	61.01	ug/l	97
47) Bromodichloromethane	9.65	83	156093	59.74	ug/l	98
48) Methyl methacrylate	9.44	41	71298	65.01	ug/l	97
49) 1,4-Dioxane	9.48	88	19114	1241.86	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	396268	333.24	ug/l	100
52) Toluene	10.39	92	289209	57.67	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	157347	58.95	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	178472	58.75	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86993	60.56	ug/l	98
56) Ethyl methacrylate	10.65	69	111318	63.82	ug/l	96
57) 1,3-Dichloropropane	10.93	76	153605	62.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	249053	318.51	ug/l	98
59) 2-Hexanone	10.98	43	277202	333.69	ug/l	100
60) Dibromochloromethane	11.13	129	104554	61.21	ug/l	99
61) 1,2-Dibromoethane	11.24	107	82045	60.38	ug/l	99
64) Tetrachloroethene	10.87	164	99743	53.14	ug/l	99
65) Chlorobenzene	11.66	112	321545	55.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	115547	56.26	ug/l	99
67) Ethyl Benzene	11.74	91	574273	55.43	ug/l	100
68) m/p-Xylenes	11.85	106	437817	111.18	ug/l	100
69) o-Xylene	12.17	106	207939	56.97	ug/l	100
70) Styrene	12.19	104	354952	58.43	ug/l	99
71) Bromoform	12.35	173	63282	59.45	ug/l	100
73) Isopropylbenzene	12.47	105	575442	53.65	ug/l	100
74) N-amyl acetate	12.28	43	145459	59.59	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	107925	59.48	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74753m	56.71	ug/l	
77) Bromobenzene	12.76	156	135663	54.31	ug/l	96
78) n-propylbenzene	12.81	91	711779	54.20	ug/l	100
79) 2-Chlorotoluene	12.90	91	403573	54.38	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	491583	54.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32532	56.79	ug/l	96
82) 4-Chlorotoluene	12.99	91	424119	53.87	ug/l	99
83) tert-Butylbenzene	13.21	119	414317	54.00	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	511700	55.26	ug/l	100
85) sec-Butylbenzene	13.39	105	613130	53.77	ug/l	100
86) p-Isopropyltoluene	13.51	119	541627	53.85	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	277361	54.06	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272990	53.52	ug/l	99
89) n-Butylbenzene	13.83	91	532182	54.28	ug/l	99
90) Hexachloroethane	14.10	117	99233	54.54	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249706	55.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18634	61.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	172126	54.55	ug/l	99
94) Hexachlorobutadiene	15.25	225	98564	51.93	ug/l	99
95) Naphthalene	15.38	128	316294	59.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	154390	55.59	ug/l	99

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

