

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003654.D
 Acq On : 29 Jun 2018 12:08
 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
 7/2/2018 10:23:13 AM

Quant Time: Jun 30 03:50:32 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	223840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	172959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125157	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.88	113	112889	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.33	98	449551	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	163665	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	32250	47.66	ug/l	92
3) Chloromethane	2.21	50	72678	42.51	ug/l	96
4) Vinyl Chloride	2.36	62	109002	43.73	ug/l	99
5) Bromomethane	2.78	94	67484	40.73	ug/l	93
6) Chloroethane	2.92	64	71493	41.21	ug/l	96
7) Trichlorofluoromethane	3.25	101	69481	46.53	ug/l	99
8) Diethyl Ether	3.67	74	52847	48.18	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103889	50.10	ug/l	98
10) Methyl Iodide	4.26	142	149879	47.80	ug/l	99
11) Tert butyl alcohol	5.25	59	28362	218.12	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	98227	48.48	ug/l	99
13) Acrolein	3.90	56	38195	205.45	ug/l	95
14) Allyl chloride	4.66	41	177780	50.65	ug/l	98
15) Acrylonitrile	5.38	53	113457	251.39	ug/l	98
16) Acetone	4.15	43	134327	264.16	ug/l	99
17) Carbon Disulfide	4.37	76	274525	45.83	ug/l	99
18) Methyl Acetate	4.68	43	63468	52.61	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	194159	51.16	ug/l	99
20) Methylene Chloride	4.91	84	111896	51.94	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	110395	50.06	ug/l	98
22) Diisopropyl ether	6.31	45	377394	53.42	ug/l	99
23) Vinyl Acetate	6.26	43	1036836	254.70	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218135	52.02	ug/l	98
25) 2-Butanone	7.18	43	164809	260.65	ug/l	97
26) 2,2-Dichloropropane	7.17	77	137961	49.29	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124545	51.41	ug/l	99
28) Bromochloromethane	7.51	49	96392	55.24	ug/l	98
29) Tetrahydrofuran	7.54	42	97330	251.86	ug/l	99
30) Chloroform	7.68	83	224301	52.50	ug/l	98
31) Cyclohexane	7.95	56	183150	46.75	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	178843	50.71	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170998	51.20	ug/l	99
37) Ethyl Acetate	7.26	43	67272	48.62	ug/l	100
38) Carbon Tetrachloride	8.07	117	168616	51.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197456	51.10	ug/l	99
40) Benzene	8.32	78	483799	52.56	ug/l	100
41) Methacrylonitrile	7.49	41	44199	52.06	ug/l	99
42) 1,2-Dichloroethane	8.40	62	148602	51.52	ug/l	100
43) Isopropyl Acetate	8.43	43	136949	49.85	ug/l	99
44) Trichloroethene	9.09	130	123672	50.70	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124871	53.28	ug/l	99
46) Dibromomethane	9.46	93	62116	51.76	ug/l	98
47) Bromodichloromethane	9.65	83	161833	52.61	ug/l	99
48) Methyl methacrylate	9.44	41	67092	51.97	ug/l	97
49) 1,4-Dioxane	9.49	88	16524	911.99	ug/l	78
51) 4-Methyl-2-Pentanone	10.21	43	365134	260.84	ug/l	100
52) Toluene	10.39	92	308861	52.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164385	52.32	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	189702	53.05	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	88415	52.29	ug/l	98
56) Ethyl methacrylate	10.65	69	108909	53.04	ug/l	97
57) 1,3-Dichloropropane	10.94	76	155314	53.26	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247818	269.22	ug/l	98
59) 2-Hexanone	10.98	43	267075	273.11	ug/l	99
60) Dibromochloromethane	11.13	129	106432	52.93	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82390	51.51	ug/l	99
64) Tetrachloroethene	10.87	164	107573	50.01	ug/l	96
65) Chlorobenzene	11.66	112	341793	51.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121917	51.80	ug/l	99
67) Ethyl Benzene	11.74	91	621111	52.32	ug/l	99
68) m/p-Xylenes	11.85	106	475901	105.45	ug/l	98
69) o-Xylene	12.17	106	219574	52.50	ug/l	98
70) Styrene	12.19	104	376840	54.13	ug/l	99
71) Bromoform	12.35	173	61785	50.65	ug/l #	100
73) Isopropylbenzene	12.47	105	628013	52.20	ug/l	100
74) N-amyl acetate	12.28	43	136376	49.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103036	50.63	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	72824m	49.25	ug/l	
77) Bromobenzene	12.76	156	141685	50.57	ug/l	97
78) n-propylbenzene	12.81	91	779207	52.90	ug/l	100
79) 2-Chlorotoluene	12.90	91	433134	52.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	533757	52.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31124	48.44	ug/l	96
82) 4-Chlorotoluene	12.99	91	456583	51.70	ug/l	99
83) tert-Butylbenzene	13.21	119	451605	52.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	546986	52.66	ug/l	100
85) sec-Butylbenzene	13.39	105	670064	52.39	ug/l	100
86) p-Isopropyltoluene	13.51	119	591409	52.42	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	293674	51.03	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	289931	50.67	ug/l	100
89) n-Butylbenzene	13.84	91	578162	52.57	ug/l	100
90) Hexachloroethane	14.10	117	106695	52.28	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259203	51.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16877	49.28	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	180469	50.99	ug/l	99
94) Hexachlorobutadiene	15.25	225	106403	49.98	ug/l	97
95) Naphthalene	15.38	128	306567	51.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	157223	50.47	ug/l	99

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

