

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003539.D
 Acq On : 25 Jun 2018 05:43
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 4:40:15 PM

Quant Time: Jun 25 06:47:25 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	217639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130651	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	7.89	113	113907	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	450408	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.63	95	163846	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39230	59.62	ug/l	90
3) Chloromethane	2.21	50	83565	50.27	ug/l	95
4) Vinyl Chloride	2.36	62	117159	48.34	ug/l	97
5) Bromomethane	2.78	94	73640	45.72	ug/l	99
6) Chloroethane	2.92	64	76318	45.24	ug/l	95
7) Trichlorofluoromethane	3.25	101	67401	46.42	ug/l	95
8) Diethyl Ether	3.68	74	56115	52.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99324	49.27	ug/l	100
10) Methyl Iodide	4.26	142	158648	52.03	ug/l	99
11) Tert butyl alcohol	5.23	59	38164	301.86	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	99568	50.54	ug/l	97
13) Acrolein	3.90	56	47302	261.69	ug/l	95
14) Allyl chloride	4.67	41	182570	53.50	ug/l	98
15) Acrylonitrile	5.38	53	129851	295.91	ug/l	99
16) Acetone	4.15	43	110977	224.46	ug/l	99
17) Carbon Disulfide	4.37	76	283157	48.61	ug/l	99
18) Methyl Acetate	4.68	43	72564	61.87	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	213668	57.90	ug/l	100
20) Methylene Chloride	4.91	84	113703	54.47	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	111136	51.83	ug/l	98
22) Diisopropyl ether	6.32	45	397921	57.94	ug/l	99
23) Vinyl Acetate	6.26	43	1119118	282.75	ug/l	99
24) 1,1-Dichloroethane	6.21	63	223455	54.80	ug/l	97
25) 2-Butanone	7.18	43	170700	277.66	ug/l	100
26) 1,2-Dichloropropane	7.17	77	114376	42.03	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131601	55.87	ug/l	99
28) Bromochloromethane	7.51	49	101993	60.11	ug/l	97
29) Tetrahydrofuran	7.54	42	113556	302.22	ug/l	98
30) Chloroform	7.68	83	228080	54.91	ug/l	99
31) Cyclohexane	7.96	56	182422	47.89	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	179338	52.30	ug/l	99
36) 1,1-Dichloropropene	8.09	75	170463	49.72	ug/l	99
37) Ethyl Acetate	7.26	43	77676	54.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	163761	48.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	192256	48.46	ug/l	96
40) Benzene	8.32	78	490208	51.87	ug/l	99
41) Methacrylonitrile	7.49	41	50092	57.47	ug/l	99
42) 1,2-Dichloroethane	8.40	62	158480	53.52	ug/l	99
43) Isopropyl Acetate	8.43	43	156850	55.61	ug/l	99
44) Trichloroethene	9.09	130	147981	59.09	ug/l	97
45) 1,2-Dichloropropane	9.37	63	127427	52.96	ug/l	100
46) Dibromomethane	9.46	93	65776	53.39	ug/l	97
47) Bromodichloromethane	9.65	83	167359	53.00	ug/l	98
48) Methyl methacrylate	9.44	41	78124	58.94	ug/l	97
49) 1,4-Dioxane	9.49	88	21009	1129.46	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	420901	292.88	ug/l	99
52) Toluene	10.39	92	315068	51.99	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	163676	50.74	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	186581	50.82	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	93211	53.69	ug/l	99
56) Ethyl methacrylate	10.65	69	121950	57.85	ug/l	98
57) 1,3-Dichloropropane	10.94	76	163732	54.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	277346	293.49	ug/l	98
59) 2-Hexanone	10.98	43	287722	286.59	ug/l	100
60) Dibromochloromethane	11.13	129	111978	54.24	ug/l	97
61) 1,2-Dibromoethane	11.24	107	88981	54.19	ug/l	100
64) Tetrachloroethene	10.87	164	117503	53.00	ug/l	99
65) Chlorobenzene	11.66	112	345603	50.06	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	123360	50.85	ug/l	100
67) Ethyl Benzene	11.74	91	622212	50.85	ug/l	99
68) m/p-Xylenes	11.85	106	468196	100.65	ug/l	100
69) o-Xylene	12.17	106	223560	51.86	ug/l	99
70) Styrene	12.19	104	378337	52.73	ug/l	100
71) Bromoform	12.35	173	65911	52.42	ug/l #	100
73) Isopropylbenzene	12.47	105	617466	50.80	ug/l	99
74) N-amyl acetate	12.28	43	157069	56.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113510	55.20	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79842m	53.45	ug/l	
77) Bromobenzene	12.76	156	143532	50.71	ug/l	95
78) n-propylbenzene	12.81	91	752478	50.56	ug/l	100
79) 2-Chlorotoluene	12.90	91	432712	51.45	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522997	51.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31869	49.09	ug/l	99
82) 4-Chlorotoluene	12.99	91	452678	50.74	ug/l	100
83) tert-Butylbenzene	13.21	119	447190	51.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	539996	51.46	ug/l	99
85) sec-Butylbenzene	13.39	105	652391	50.48	ug/l	100
86) p-Isopropyltoluene	13.51	119	571286	50.12	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	288110	49.55	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	284333	49.19	ug/l	99
89) n-Butylbenzene	13.83	91	544183	48.98	ug/l	99
90) Hexachloroethane	14.10	117	104520	50.69	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	260025	51.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19112	55.23	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	178693	49.97	ug/l	99
94) Hexachlorobutadiene	15.25	225	103957	48.33	ug/l	98
95) Naphthalene	15.38	128	341263	56.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160416	50.97	ug/l	99

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

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