

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004153.D
 Acq On : 23 Jul 2018 23:25
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/24/2018 11:50:02 AM

Quant Time: Jul 24 06:37:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	397989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165406	59.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.44%	
35) Dibromofluoromethane	7.88	113	145733	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
50) Toluene-d8	10.33	98	563990	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	
62) 4-Bromofluorobenzene	12.62	95	206228	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	59775	42.60	ug/l	98
3) Chloromethane	2.21	50	94174	50.99	ug/l	100
4) Vinyl Chloride	2.36	62	128144	50.44	ug/l	97
5) Bromomethane	2.77	94	76498	48.18	ug/l	98
6) Chloroethane	2.92	64	70984	49.18	ug/l	99
7) Trichlorofluoromethane	3.25	101	51924	48.69	ug/l	95
8) Diethyl Ether	3.67	74	69625	56.24	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	128869	52.36	ug/l	99
10) Methyl Iodide	4.26	142	192574	54.48	ug/l	99
11) Tert butyl alcohol	5.20	59	55726	289.03	ug/l	99
12) 1,1-Dichloroethene	4.03	96	128903	53.08	ug/l	99
13) Acrolein	3.89	56	68658	346.57	ug/l	100
14) Allyl chloride	4.65	41	227370	56.73	ug/l	97
15) Acrylonitrile	5.37	53	193723	305.39	ug/l	99
16) Acetone	4.12	43	155136	231.15	ug/l	100
17) Carbon Disulfide	4.37	76	403572	53.25	ug/l	100
18) Methyl Acetate	4.67	43	104091	64.61	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	274994	59.09	ug/l	99
20) Methylene Chloride	4.91	84	148076	49.97	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	146814	55.16	ug/l	99
22) Diisopropyl ether	6.31	45	480919	59.37	ug/l	99
23) Vinyl Acetate	6.26	43	1493223	290.93	ug/l	99
24) 1,1-Dichloroethane	6.21	63	279072	56.46	ug/l	99
25) 2-Butanone	7.18	43	257028	284.58	ug/l	98
26) 2,2-Dichloropropane	7.17	77	130850	46.12	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	158394	55.05	ug/l	99
28) Bromochloromethane	7.51	49	104066	51.45	ug/l	99
29) Tetrahydrofuran	7.54	42	172585	306.77	ug/l	99
30) Chloroform	7.68	83	275894	56.12	ug/l	99
31) Cyclohexane	7.95	56	240034	51.81	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	207545	54.06	ug/l	100
36) 1,1-Dichloropropene	8.08	75	217094	53.02	ug/l	99
37) Ethyl Acetate	7.26	43	117147	59.31	ug/l	99
38) Carbon Tetrachloride	8.07	117	199487	52.14	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	249550	52.04	ug/l	96
40) Benzene	8.32	78	623825	54.91	ug/l	99
41) Methacrylonitrile	7.49	41	68569	62.66	ug/l	89
42) 1,2-Dichloroethane	8.40	62	192802	55.63	ug/l	100
43) Isopropyl Acetate	8.43	43	213624	57.83	ug/l	99
44) Trichloroethene	9.09	130	157487	53.48	ug/l	96
45) 1,2-Dichloropropane	9.37	63	164433	56.71	ug/l	100
46) Dibromomethane	9.46	93	84917	56.44	ug/l	99
47) Bromodichloromethane	9.65	83	205553	55.42	ug/l	98
48) Methyl methacrylate	9.44	41	105367	58.98	ug/l	98
49) 1,4-Dioxane	9.46	88	29814	1289.12	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	590759	300.18	ug/l	100
52) Toluene	10.39	92	386053	54.96	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	207171	53.41	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	236665	53.34	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	120342	56.87	ug/l	99
56) Ethyl methacrylate	10.65	69	164615	54.13	ug/l	97
57) 1,3-Dichloropropane	10.93	76	209614	57.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	362488	288.76	ug/l	98
59) 2-Hexanone	10.98	43	413241	297.92	ug/l	100
60) Dibromochloromethane	11.13	129	140201	56.89	ug/l	99
61) 1,2-Dibromoethane	11.24	107	116229	57.73	ug/l	100
64) Tetrachloroethene	10.87	164	148516	58.17	ug/l	99
65) Chlorobenzene	11.66	112	422581	53.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	149614	54.41	ug/l	100
67) Ethyl Benzene	11.74	91	751817	54.09	ug/l	99
68) m/p-Xylenes	11.84	106	574438	108.13	ug/l	100
69) o-Xylene	12.17	106	267643	54.31	ug/l	99
70) Styrene	12.18	104	463344	56.29	ug/l	99
71) Bromoform	12.35	173	86306	55.59	ug/l #	99
73) Isopropylbenzene	12.47	105	729834	52.87	ug/l	100
74) N-amyl acetate	12.28	43	203536	56.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	148466	55.61	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102909m	53.06	ug/l	
77) Bromobenzene	12.75	156	174802	52.92	ug/l	99
78) n-propylbenzene	12.81	91	907153	53.56	ug/l	100
79) 2-Chlorotoluene	12.90	91	509962	53.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	625312	53.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	44360	50.59	ug/l	98
82) 4-Chlorotoluene	12.99	91	543180	52.99	ug/l	100
83) tert-Butylbenzene	13.21	119	523456	53.67	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	645499	54.01	ug/l	99
85) sec-Butylbenzene	13.39	105	770861	53.27	ug/l	100
86) p-Isopropyltoluene	13.51	119	677306	53.36	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	346967	52.59	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	342055	51.70	ug/l	100
89) n-Butylbenzene	13.83	91	657094	52.66	ug/l	100
90) Hexachloroethane	14.10	117	122777	52.47	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	313877	53.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26313	55.43	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	216599	52.47	ug/l	98
94) Hexachlorobutadiene	15.24	225	123370	52.04	ug/l	99
95) Naphthalene	15.38	128	434867	57.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	199844	54.67	ug/l	99

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

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