

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072318\
 Data File : VW004128.D
 Acq On : 23 Jul 2018 10:56
 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
 7/24/2018 11:49:34 AM

Quant Time: Jul 23 15:12:51 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	283210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	423507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	153727	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	141630	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.33	98	565620	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.63	95	201294	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78966	49.65	ug/l	96
3) Chloromethane	2.21	50	114373	54.64	ug/l	99
4) Vinyl Chloride	2.36	62	148724	51.65	ug/l	98
5) Bromomethane	2.78	94	84085	46.72	ug/l	100
6) Chloroethane	2.92	64	80493	49.20	ug/l	97
7) Trichlorofluoromethane	3.25	101	82753	68.46	ug/l	97
8) Diethyl Ether	3.68	74	67034	47.77	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	151462	54.30	ug/l	99
10) Methyl Iodide	4.26	142	218461	54.53	ug/l	99
11) Tert butyl alcohol	5.17	59	51513	235.72	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	147181	53.47	ug/l	99
13) Acrolein	3.89	56	62724	279.34	ug/l	98
14) Allyl chloride	4.66	41	254959	56.12	ug/l	97
15) Acrylonitrile	5.37	53	177402	246.73	ug/l	99
16) Acetone	4.12	43	211936	278.60	ug/l	98
17) Carbon Disulfide	4.37	76	473661	55.13	ug/l	100
18) Methyl Acetate	4.67	43	90448	49.53	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	270496	51.28	ug/l	99
20) Methylene Chloride	4.91	84	157648	46.37	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	156004	51.71	ug/l	99
22) Diisopropyl ether	6.31	45	494030	53.81	ug/l	98
23) Vinyl Acetate	6.26	43	1466981	252.16	ug/l	100
24) 1,1-Dichloroethane	6.21	63	290841	51.91	ug/l	99
25) 2-Butanone	7.17	43	245800	240.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	180192	56.03	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	166520	51.06	ug/l	99
28) Bromochloromethane	7.51	49	104424	45.55	ug/l	100
29) Tetrahydrofuran	7.53	42	153004	239.94	ug/l	99
30) Chloroform	7.68	83	285504	51.23	ug/l	100
31) Cyclohexane	7.96	56	273895	52.15	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	234834	53.96	ug/l	99
36) 1,1-Dichloropropene	8.08	75	236146	54.20	ug/l	99
37) Ethyl Acetate	7.26	43	101010	48.06	ug/l	99
38) Carbon Tetrachloride	8.07	117	227181	55.80	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	289358	56.70	ug/l	96
40) Benzene	8.32	78	654231	54.12	ug/l	98
41) Methacrylonitrile	7.49	41	55856	47.96	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189221	51.31	ug/l	100
43) Isopropyl Acetate	8.43	43	190679	48.51	ug/l	99
44) Trichloroethene	9.09	130	167256	53.38	ug/l	95
45) 1,2-Dichloropropane	9.37	63	166365	53.92	ug/l	99
46) Dibromomethane	9.46	93	82269	51.39	ug/l	100
47) Bromodichloromethane	9.65	83	207801	52.65	ug/l	98
48) Methyl methacrylate	9.44	41	95509	50.24	ug/l	96
49) 1,4-Dioxane	9.45	88	26105	1060.74	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	522573	249.53	ug/l	100
52) Toluene	10.39	92	406077	54.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216574	52.47	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	249097	52.76	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	116883	51.91	ug/l	97
56) Ethyl methacrylate	10.65	69	149572	46.65	ug/l	97
57) 1,3-Dichloropropane	10.94	76	203088	51.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	339542	254.18	ug/l	99
59) 2-Hexanone	10.98	43	385393	261.10	ug/l	99
60) Dibromochloromethane	11.13	129	137764	52.54	ug/l	99
61) 1,2-Dibromoethane	11.24	107	110378	51.52	ug/l	99
64) Tetrachloroethene	10.87	164	141607	53.81	ug/l	98
65) Chlorobenzene	11.66	112	434346	53.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152107	53.67	ug/l	99
67) Ethyl Benzene	11.74	91	786088	54.87	ug/l	100
68) m/p-Xylenes	11.85	106	596795	108.99	ug/l	100
69) o-Xylene	12.17	106	272151	53.58	ug/l	99
70) Styrene	12.19	104	455525	53.69	ug/l	100
71) Bromoform	12.35	173	83214	52.01	ug/l #	100
73) Isopropylbenzene	12.47	105	784768	54.99	ug/l	100
74) N-amyl acetate	12.28	43	182150	48.98	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	138267	50.10	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	98090m	48.92	ug/l	
77) Bromobenzene	12.76	156	177139	51.87	ug/l	99
78) n-propylbenzene	12.81	91	984975	56.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	538906	54.57	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	674609	56.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	46110	50.87	ug/l	99
82) 4-Chlorotoluene	12.99	91	570663	53.85	ug/l	99
83) tert-Butylbenzene	13.21	119	563998	55.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	683896	55.35	ug/l	100
85) sec-Butylbenzene	13.39	105	838491	56.04	ug/l	99
86) p-Isopropyltoluene	13.51	119	733623	55.90	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	359557	52.71	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	361885	52.90	ug/l	98
89) n-Butylbenzene	13.83	91	719435	55.77	ug/l	99
90) Hexachloroethane	14.10	117	130153	53.80	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	318425	52.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24051	49.00	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	224460	52.59	ug/l	98
94) Hexachlorobutadiene	15.25	225	137181	55.97	ug/l	98
95) Naphthalene	15.38	128	407541	51.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	197010	52.14	ug/l	98

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

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