

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005154.D
 Acq On : 06 Sep 2018 10:47
 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
 9/7/2018 12:29:02 PM

Quant Time: Sep 06 13:58:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	548207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	777562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	751193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	399479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	233226	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	7.89	113	235576	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.33	98	1170576	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.62	95	416157	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	218733	49.51	ug/l	99
3) Chloromethane	2.21	50	339386	52.94	ug/l	98
4) Vinyl Chloride	2.36	62	336780	54.02	ug/l	99
5) Bromomethane	2.77	94	199234	52.96	ug/l	97
6) Chloroethane	2.92	64	199132	51.32	ug/l	100
7) Trichlorofluoromethane	3.26	101	370834	52.88	ug/l	99
8) Diethyl Ether	3.69	74	127489	50.25	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	258386	53.64	ug/l	98
10) Methyl Iodide	4.28	142	287303	40.68	ug/l	99
11) Tert butyl alcohol	5.20	59	82028	324.32	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	234284	52.85	ug/l	98
13) Acrolein	3.90	56	75133	254.72	ug/l	96
14) Allyl chloride	4.68	41	379408	54.75	ug/l	98
15) Acrylonitrile	5.38	53	289195	270.22	ug/l	100
16) Acetone	4.14	43	260408	285.73	ug/l	96
17) Carbon Disulfide	4.38	76	819692	53.07	ug/l	100
18) Methyl Acetate	4.68	43	132490	49.42	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	573987	53.32	ug/l	100
20) Methylene Chloride	4.92	84	331993	54.26	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	270222	50.03	ug/l	98
22) Diisopropyl ether	6.32	45	802088	55.01	ug/l	99
23) Vinyl Acetate	6.26	43	2181868	284.87	ug/l	99
24) 1,1-Dichloroethane	6.22	63	467185	51.26	ug/l	99
25) 2-Butanone	7.18	43	429693	271.83	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424290	56.65	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	292652	49.53	ug/l	95
28) Bromochloromethane	7.52	49	184364	50.26	ug/l	95
29) Tetrahydrofuran	7.54	42	219026	271.17	ug/l	97
30) Chloroform	7.68	83	459768	49.42	ug/l	98
31) Cyclohexane	7.96	56	488588	54.74	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	419209	51.74	ug/l	99
36) 1,1-Dichloropropene	8.09	75	404531	54.63	ug/l	99
37) Ethyl Acetate	7.26	43	152686	55.13	ug/l	99
38) Carbon Tetrachloride	8.07	117	369610	52.49	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	530121	59.19	ug/l	100
40) Benzene	8.33	78	1199092	52.89	ug/l	99
41) Methacrylonitrile	7.49	41	93971	58.56	ug/l	97
42) 1,2-Dichloroethane	8.41	62	275099	49.58	ug/l	99
43) Isopropyl Acetate	8.43	43	284237	56.40	ug/l	99
44) Trichloroethene	9.10	130	312031	51.01	ug/l	98
45) 1,2-Dichloropropane	9.37	63	292060	52.73	ug/l	98
46) Dibromomethane	9.46	93	132990	50.22	ug/l	97
47) Bromodichloromethane	9.65	83	339612	50.93	ug/l	96
48) Methyl methacrylate	9.44	41	142142	58.58	ug/l	94
49) 1,4-Dioxane	9.47	88	50273	1173.87	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	997348	295.29	ug/l	100
52) Toluene	10.39	92	829155	53.98	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	362057	55.26	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	438630	55.05	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	206569	50.38	ug/l	97
56) Ethyl methacrylate	10.65	69	275170	58.82	ug/l	98
57) 1,3-Dichloropropane	10.94	76	356594	52.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	665508	300.24	ug/l	98
59) 2-Hexanone	10.98	43	727266	318.36	ug/l	99
60) Dibromochloromethane	11.13	129	234798	50.65	ug/l	99
61) 1,2-Dibromoethane	11.24	107	188296	50.87	ug/l	100
64) Tetrachloroethene	10.87	164	296646	50.33	ug/l	97
65) Chlorobenzene	11.66	112	893967	52.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	267327	51.73	ug/l	100
67) Ethyl Benzene	11.74	91	1612012	56.39	ug/l	100
68) m/p-Xylenes	11.85	106	1285166	112.27	ug/l	99
69) o-Xylene	12.17	106	594388	56.16	ug/l	100
70) Styrene	12.19	104	985127	56.35	ug/l	100
71) Bromoform	12.35	173	140833	51.42	ug/l #	99
73) Isopropylbenzene	12.47	105	1633189	57.98	ug/l	100
74) N-amyl acetate	12.28	43	304729	62.83	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	235242	54.86	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	162842m	54.31	ug/l	
77) Bromobenzene	12.76	156	368953	53.16	ug/l	96
78) n-propylbenzene	12.81	91	1998558	58.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1112786	56.09	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1391112	57.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	75652	60.72	ug/l	99
82) 4-Chlorotoluene	12.99	91	1152293	55.01	ug/l	99
83) tert-Butylbenzene	13.21	119	1182896	58.15	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1398584	56.38	ug/l	99
85) sec-Butylbenzene	13.39	105	1761430	58.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	1560386	58.96	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	758556	53.21	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	743675	52.59	ug/l	99
89) n-Butylbenzene	13.83	91	1488239	60.68	ug/l	99
90) Hexachloroethane	14.10	117	242855	55.25	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	666079	53.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	37750	56.34	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	465826	55.91	ug/l	100
94) Hexachlorobutadiene	15.25	225	296217	57.16	ug/l	99
95) Naphthalene	15.38	128	762259	52.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	398391	55.87	ug/l	99

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

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