

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005181.D
 Acq On : 06 Sep 2018 23:57
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/7/2018 12:35:33 PM

Quant Time: Sep 07 00:21:56 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	7.96	168	484370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	704446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	703693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222207	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.89	113	220309	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.33	98	1037008	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.63	95	379397	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	181649	46.54	ug/l	98
3) Chloromethane	2.21	50	269496	47.58	ug/l	99
4) Vinyl Chloride	2.35	62	266237	48.34	ug/l	98
5) Bromomethane	2.76	94	172394	51.75	ug/l	97
6) Chloroethane	2.91	64	160388	46.78	ug/l	99
7) Trichlorofluoromethane	3.25	101	310792	50.16	ug/l	97
8) Diethyl Ether	3.68	74	121251	54.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	209812	49.30	ug/l	99
10) Methyl Iodide	4.27	142	257599	41.23	ug/l	100
11) Tert butyl alcohol	5.18	59	83726	368.42	ug/l	97
12) 1,1-Dichloroethene	4.04	96	198610	50.71	ug/l	96
13) Acrolein	3.90	56	69365	266.16	ug/l	98
14) Allyl chloride	4.67	41	323591	52.85	ug/l	99
15) Acrylonitrile	5.37	53	293148	310.01	ug/l	100
16) Acetone	4.13	43	248855	309.04	ug/l	97
17) Carbon Disulfide	4.38	76	705545	51.70	ug/l	99
18) Methyl Acetate	4.68	43	176261	74.41	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	570998	60.04	ug/l	100
20) Methylene Chloride	4.92	84	290353	53.66	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	239998	50.29	ug/l	98
22) Diisopropyl ether	6.32	45	732960	56.89	ug/l	98
23) Vinyl Acetate	6.26	43	1909866	282.22	ug/l	99
24) 1,1-Dichloroethane	6.22	63	418705	51.99	ug/l	98
25) 2-Butanone	7.18	43	421891	302.07	ug/l	98
26) 2,2-Dichloropropane	7.17	77	303982	45.94	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	269490	51.62	ug/l	99
28) Bromochloromethane	7.52	49	186942	57.68	ug/l	98
29) Tetrahydrofuran	7.54	42	225567	316.08	ug/l	100
30) Chloroform	7.68	83	434978	52.92	ug/l	100
31) Cyclohexane	7.96	56	390767	49.55	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	361337	50.48	ug/l	99
36) 1,1-Dichloropropene	8.09	75	345331	51.47	ug/l	99
37) Ethyl Acetate	7.26	43	149101	59.43	ug/l	100
38) Carbon Tetrachloride	8.07	117	316274	49.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	433412	53.42	ug/l	100
40) Benzene	8.33	78	1075282	52.35	ug/l	98
41) Methacrylonitrile	7.49	41	86488	59.49	ug/l	95
42) 1,2-Dichloroethane	8.40	62	266455	53.01	ug/l	100
43) Isopropyl Acetate	8.43	43	277007	60.67	ug/l	100
44) Trichloroethene	9.10	130	284128	51.27	ug/l	98
45) 1,2-Dichloropropane	9.37	63	268616	53.54	ug/l	98
46) Dibromomethane	9.46	93	130803	54.52	ug/l	97
47) Bromodichloromethane	9.65	83	324080	53.65	ug/l	99
48) Methyl methacrylate	9.44	41	143234	65.15	ug/l	97
49) 1,4-Dioxane	9.46	88	46532	1199.29	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1014816	331.65	ug/l	99
52) Toluene	10.40	92	743391	53.42	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	333897	56.25	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	398892	55.25	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	209524	56.40	ug/l	98
56) Ethyl methacrylate	10.65	69	275613	65.03	ug/l	100
57) 1,3-Dichloropropane	10.94	76	349754	57.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	689389	343.29	ug/l	99
59) 2-Hexanone	10.98	43	708552	342.36	ug/l	99
60) Dibromochloromethane	11.13	129	234350	55.80	ug/l	100
61) 1,2-Dibromoethane	11.24	107	191719	57.17	ug/l	100
64) Tetrachloroethene	10.87	164	294234	53.29	ug/l	97
65) Chlorobenzene	11.66	112	821326	51.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	255053	52.69	ug/l	99
67) Ethyl Benzene	11.74	91	1432400	53.49	ug/l	99
68) m/p-Xylenes	11.85	106	1148852	107.14	ug/l	100
69) o-Xylene	12.17	106	535722	54.04	ug/l	100
70) Styrene	12.19	104	910651	55.61	ug/l	99
71) Bromoform	12.35	173	146450	57.08	ug/l #	99
73) Isopropylbenzene	12.47	105	1439879	53.37	ug/l	100
74) N-amyl acetate	12.28	43	275502	59.31	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	244344	59.49	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	165912m	57.77	ug/l	
77) Bromobenzene	12.76	156	349378	52.56	ug/l	97
78) n-propylbenzene	12.81	91	1739504	53.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	999147	52.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1240403	53.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	69354	58.12	ug/l	98
82) 4-Chlorotoluene	12.99	91	1049459	52.31	ug/l	100
83) tert-Butylbenzene	13.21	119	1033580	53.05	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1268873	53.40	ug/l	99
85) sec-Butylbenzene	13.39	105	1511749	52.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	1348057	53.19	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	708353	51.88	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	695279	51.33	ug/l	100
89) n-Butylbenzene	13.83	91	1252641	53.33	ug/l	100
90) Hexachloroethane	14.10	117	217925	51.76	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	636460	53.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39219	61.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	435425	54.56	ug/l	100
94) Hexachlorobutadiene	15.24	225	258925	52.17	ug/l	100
95) Naphthalene	15.38	128	774943	55.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	382167	55.96	ug/l	100

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

