

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005474.D
 Acq On : 18 Sep 2018 12:56
 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
 9/19/2018 11:25:32 AM

Quant Time: Sep 18 16:47:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	346414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	514954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	246549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146505	40.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.48%	
35) Dibromofluoromethane	7.89	113	128365	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
50) Toluene-d8	10.33	98	644481	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	233593	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	140959	47.72	ug/l	99
3) Chloromethane	2.21	50	204808	50.09	ug/l	100
4) Vinyl Chloride	2.36	62	185841	48.52	ug/l	96
5) Bromomethane	2.78	94	105014	44.43	ug/l	97
6) Chloroethane	2.92	64	104879	46.20	ug/l	98
7) Trichlorofluoromethane	3.26	101	230709	45.46	ug/l	100
8) Diethyl Ether	3.69	74	71578	47.46	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	147816	49.95	ug/l	95
10) Methyl Iodide	4.28	142	164171	44.13	ug/l	96
11) Tert butyl alcohol	5.20	59	50452	231.55	ug/l	100
12) 1,1-Dichloroethene	4.05	96	131734	49.15	ug/l	99
13) Acrolein	3.90	56	38803	252.10	ug/l	97
14) Allyl chloride	4.68	41	280358	56.22	ug/l	92
15) Acrylonitrile	5.38	53	175326	254.16	ug/l	99
16) Acetone	4.14	43	150023	293.24	ug/l	99
17) Carbon Disulfide	4.38	76	453554	48.04	ug/l	100
18) Methyl Acetate	4.68	43	88344	51.13	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	340933	46.85	ug/l	99
20) Methylene Chloride	4.93	84	191874	54.28	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	152524	47.65	ug/l	97
22) Diisopropyl ether	6.32	45	542600	55.35	ug/l	99
23) Vinyl Acetate	6.26	43	1502531	268.96	ug/l	99
24) 1,1-Dichloroethane	6.23	63	290948	48.90	ug/l	99
25) 2-Butanone	7.18	43	232267	268.52	ug/l	93
26) 2,2-Dichloropropane	7.17	77	268956	50.40	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	164488	47.24	ug/l	96
28) Bromochloromethane	7.52	49	117398	50.73	ug/l	88
29) Tetrahydrofuran	7.54	42	147126	266.99	ug/l	95
30) Chloroform	7.68	83	280556	45.54	ug/l	99
31) Cyclohexane	7.96	56	314054	54.72	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	260841	45.53	ug/l	99
36) 1,1-Dichloropropene	8.09	75	246288	50.54	ug/l	99
37) Ethyl Acetate	7.26	43	101240	51.08	ug/l	97
38) Carbon Tetrachloride	8.07	117	231195	45.53	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	312039	55.10	ug/l	97
40) Benzene	8.33	78	695679	49.28	ug/l	98
41) Methacrylonitrile	7.49	41	64459	53.91	ug/l	94
42) 1,2-Dichloroethane	8.41	62	184994	41.87	ug/l	98
43) Isopropyl Acetate	8.43	43	196478	50.80	ug/l	98
44) Trichloroethene	9.10	130	171446	47.18	ug/l	97
45) 1,2-Dichloropropane	9.37	63	173088	51.32	ug/l	99
46) Dibromomethane	9.46	93	75503	45.51	ug/l	97
47) Bromodichloromethane	9.65	83	206944	46.03	ug/l	99
48) Methyl methacrylate	9.44	41	99412	51.50	ug/l	95
49) 1,4-Dioxane	9.47	88	27969	1011.37	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	539466	270.94	ug/l	99
52) Toluene	10.40	92	474598	49.64	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216490	48.12	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	257085	50.47	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	112189	45.49	ug/l	98
56) Ethyl methacrylate	10.65	69	161900	51.87	ug/l	97
57) 1,3-Dichloropropane	10.94	76	203816	47.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	380712	269.67	ug/l	97
59) 2-Hexanone	10.98	43	395147	291.35	ug/l	99
60) Dibromochloromethane	11.13	129	130374	43.94	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102058	46.15	ug/l	99
64) Tetrachloroethene	10.87	164	166728	46.57	ug/l	99
65) Chlorobenzene	11.66	112	500628	48.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	153047	46.58	ug/l	98
67) Ethyl Benzene	11.74	91	938052	51.89	ug/l	99
68) m/p-Xylenes	11.85	106	713664	102.57	ug/l	99
69) o-Xylene	12.17	106	332043	51.25	ug/l	100
70) Styrene	12.19	104	551127	51.54	ug/l	99
71) Bromoform	12.35	173	77253	44.44	ug/l #	99
73) Isopropylbenzene	12.47	105	933273	53.95	ug/l	99
74) N-amyl acetate	12.28	43	212811	58.39	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	130891	51.87	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	88943m	43.86	ug/l	
77) Bromobenzene	12.76	156	196236	47.99	ug/l	93
78) n-propylbenzene	12.81	91	1146968	54.94	ug/l	99
79) 2-Chlorotoluene	12.90	91	647801	52.60	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	789681	52.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	41363	52.91	ug/l	98
82) 4-Chlorotoluene	12.99	91	671737	51.66	ug/l	99
83) tert-Butylbenzene	13.21	119	665406	53.08	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	796608	51.99	ug/l	99
85) sec-Butylbenzene	13.39	105	987596	54.52	ug/l	99
86) p-Isopropyltoluene	13.51	119	868146	53.59	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	411197	49.58	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	402927	49.33	ug/l	99
89) n-Butylbenzene	13.83	91	853145	56.56	ug/l	99
90) Hexachloroethane	14.10	117	141784	51.08	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	357311	49.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22755	46.95	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	247786	51.24	ug/l	99
94) Hexachlorobutadiene	15.24	225	162261	51.38	ug/l	100
95) Naphthalene	15.38	128	412362	51.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	211017	50.00	ug/l	100

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

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