

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006932.D
 Acq On : 17 Nov 2018 00:09
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 11/19/2018 5:00:14 PM

Quant Time: Nov 17 04:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	107964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	179323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	59287	68.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.32%	
35) Dibromofluoromethane	7.89	113	53878	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.33	98	239867	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.62	95	93039	55.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51278	55.91	ug/l	100
3) Chloromethane	2.21	50	46900	47.09	ug/l	100
4) Vinyl Chloride	2.36	62	44445	42.47	ug/l	100
5) Bromomethane	2.78	94	24146	35.36	ug/l	100
6) Chloroethane	2.92	64	25329	37.85	ug/l	100
7) Trichlorofluoromethane	3.26	101	83837	56.91	ug/l	100
8) Diethyl Ether	3.69	74	29442	65.27	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52952	53.36	ug/l	100
10) Methyl Iodide	4.28	142	68230	50.64	ug/l	100
11) Tert butyl alcohol	5.21	59	20436	358.98	ug/l	100
12) 1,1-Dichloroethene	4.04	96	49145	58.01	ug/l	100
13) Acrolein	3.90	56	19855	333.86	ug/l	100
14) Allyl chloride	4.68	41	86303	72.72	ug/l	100
15) Acrylonitrile	5.38	53	59960	348.44	ug/l	100
16) Acetone	4.14	43	44694	356.06	ug/l	100
17) Carbon Disulfide	4.39	76	158406	59.14	ug/l	100
18) Methyl Acetate	4.68	43	30861	71.62	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	143604	68.45	ug/l	100
20) Methylene Chloride	4.92	84	65033	49.67	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	57214	57.20	ug/l	100
22) Diisopropyl ether	6.32	45	175091	71.62	ug/l	100
23) Vinyl Acetate	6.26	43	491291	356.88	ug/l	100
24) 1,1-Dichloroethane	6.23	63	99580	63.23	ug/l	100
25) 2-Butanone	7.18	43	74453	353.16	ug/l	100
26) 2,2-Dichloropropane	7.17	77	84075	54.70	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	63515	59.12	ug/l	100
28) Bromochloromethane	7.52	49	35481	63.99	ug/l	100
29) Tetrahydrofuran	7.54	42	47989	355.57	ug/l	100
30) Chloroform	7.68	83	105183	61.62	ug/l	100
31) Cyclohexane	7.96	56	96135	60.32	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	94040	58.03	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84138	50.08	ug/l	100
37) Ethyl Acetate	7.26	43	34538	60.18	ug/l	100
38) Carbon Tetrachloride	8.07	117	81422	45.36	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105644	49.04	ug/l	100
40) Benzene	8.33	78	243251	51.83	ug/l	100
41) Methacrylonitrile	7.49	41	22240	62.81	ug/l	100
42) 1,2-Dichloroethane	8.41	62	68637	53.75	ug/l	100
43) Isopropyl Acetate	8.43	43	68458	61.24	ug/l	100
44) Trichloroethene	9.10	130	64596	44.67	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60079	54.29	ug/l	100
46) Dibromomethane	9.46	93	29817	49.13	ug/l	100
47) Bromodichloromethane	9.65	83	78672	51.85	ug/l	100
48) Methyl methacrylate	9.44	41	32451	59.68	ug/l	100
49) 1,4-Dioxane	9.47	88	10186	1106.25	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	171512	307.10	ug/l	100
52) Toluene	10.39	92	166498	50.56	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79432	53.15	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	94607	53.35	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	44919	49.86	ug/l	100
56) Ethyl methacrylate	10.65	69	58892	58.54	ug/l	100
57) 1,3-Dichloropropane	10.93	76	76615	53.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	129691	261.71	ug/l	100
59) 2-Hexanone	10.97	43	120443	314.41	ug/l	100
60) Dibromochloromethane	11.13	129	52282	47.98	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41935	49.25	ug/l	100
64) Tetrachloroethene	10.87	164	55574	42.22	ug/l	100
65) Chlorobenzene	11.66	112	184048	49.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	57036	47.02	ug/l	100
67) Ethyl Benzene	11.73	91	332075	51.60	ug/l	100
68) m/p-Xylenes	11.84	106	256486	98.31	ug/l	100
69) o-Xylene	12.17	106	122412	50.29	ug/l	100
70) Styrene	12.18	104	198978	50.96	ug/l	100
71) Bromoform	12.35	173	26809	41.49	ug/l #	100
73) Isopropylbenzene	12.47	105	331077	56.65	ug/l	100
74) N-amyl acetate	12.27	43	66558	71.02	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	47044	57.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30603m	49.17	ug/l	
77) Bromobenzene	12.75	156	71278	49.58	ug/l	100
78) n-propylbenzene	12.81	91	398327	57.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	230930	59.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	286596	57.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14685	59.00	ug/l	100
82) 4-Chlorotoluene	12.99	91	244227	58.59	ug/l	100
83) tert-Butylbenzene	13.21	119	243133	55.21	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	289013	56.64	ug/l	100
85) sec-Butylbenzene	13.39	105	346986	55.51	ug/l	100
86) p-Isopropyltoluene	13.51	119	306058	54.22	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	143626	49.21	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	142826	49.40	ug/l	100
89) n-Butylbenzene	13.83	91	293173	56.35	ug/l	100
90) Hexachloroethane	14.10	117	49971	55.04	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	127512	49.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8759	65.29	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	83665	44.58	ug/l	100
94) Hexachlorobutadiene	15.24	225	43675	37.71	ug/l	100
95) Naphthalene	15.38	128	163037	55.74	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71224	44.20	ug/l	100

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

