

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004738.D
 Acq On : 17 Aug 2018 17:12
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:53:49 AM

Quant Time: Aug 18 01:36:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	723794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1076290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	995870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	538093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	348139	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.88	113	350166	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.33	98	1377397	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.62	95	497240	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	224737	46.88	ug/l	100
3) Chloromethane	2.22	50	276605	44.13	ug/l	100
4) Vinyl Chloride	2.37	62	423427	45.89	ug/l	100
5) Bromomethane	2.78	94	259657	45.57	ug/l	100
6) Chloroethane	2.93	64	259222	46.56	ug/l	100
7) Trichlorofluoromethane	3.26	101	200502	46.13	ug/l	100
8) Diethyl Ether	3.67	74	186717	47.51	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	352627	47.11	ug/l	100
10) Methyl Iodide	4.27	142	543345	47.80	ug/l	100
11) Tert butyl alcohol	5.19	59	92443	234.62	ug/l	100
12) 1,1-Dichloroethene	4.03	96	350983	47.06	ug/l	100
13) Acrolein	3.89	56	121443	231.49	ug/l	100
14) Allyl chloride	4.66	41	550054	48.59	ug/l	100
15) Acrylonitrile	5.37	53	409594	248.51	ug/l	100
16) Acetone	4.12	43	419556	234.87	ug/l	100
17) Carbon Disulfide	4.37	76	1158172	47.25	ug/l	100
18) Methyl Acetate	4.67	43	190090	49.66	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	495473	51.17	ug/l	100
20) Methylene Chloride	4.92	84	390240	40.03	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	386297	48.68	ug/l	100
22) Diisopropyl ether	6.31	45	1098985	50.51	ug/l	100
23) Vinyl Acetate	6.26	43	3183461	258.69	ug/l	100
24) 1,1-Dichloroethane	6.21	63	679950	48.09	ug/l	100
25) 2-Butanone	7.18	43	627844	246.68	ug/l	100
26) 2,2-Dichloropropane	7.17	77	381884	46.76	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	419854	49.14	ug/l	100
28) Bromochloromethane	7.51	49	304431	51.13	ug/l	100
29) Tetrahydrofuran	7.53	42	332079	255.87	ug/l	100
30) Chloroform	7.68	83	667840	48.03	ug/l	100
31) Cyclohexane	7.96	56	646646	47.29	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	530495	48.13	ug/l	100
36) 1,1-Dichloropropene	8.08	75	545457	49.19	ug/l	100
37) Ethyl Acetate	7.26	43	225891	51.11	ug/l	100
38) Carbon Tetrachloride	8.07	117	498777	48.87	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	710198	51.22	ug/l	100
40) Benzene	8.32	78	1585139	49.19	ug/l	100
41) Methacrylonitrile	7.49	41	132124	52.67	ug/l	100
42) 1,2-Dichloroethane	8.40	62	405096	49.03	ug/l	100
43) Isopropyl Acetate	8.43	43	398282	50.17	ug/l	100
44) Trichloroethene	9.09	130	399673	48.86	ug/l	100
45) 1,2-Dichloropropane	9.37	63	386235	49.00	ug/l	100
46) Dibromomethane	9.46	93	191878	49.14	ug/l	100
47) Bromodichloromethane	9.65	83	462978	49.65	ug/l	100
48) Methyl methacrylate	9.44	41	191164	51.32	ug/l	100
49) 1,4-Dioxane	9.46	88	58290	1021.74	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1381428	257.46	ug/l	100
52) Toluene	10.39	92	959746	49.66	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	470516	50.08	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	559231	49.93	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	272297	49.06	ug/l	100
56) Ethyl methacrylate	10.65	69	345989	52.77	ug/l	100
57) 1,3-Dichloropropane	10.93	76	471057	49.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	791831	258.31	ug/l	100
59) 2-Hexanone	10.98	43	946266	260.28	ug/l	100
60) Dibromochloromethane	11.13	129	311519	50.02	ug/l	100
61) 1,2-Dibromoethane	11.24	107	261358	49.26	ug/l	100
64) Tetrachloroethene	10.87	164	334232	49.11	ug/l	100
65) Chlorobenzene	11.66	112	1052497	49.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	356025	49.19	ug/l	100
67) Ethyl Benzene	11.74	91	1855837	51.07	ug/l	100
68) m/p-Xylenes	11.85	106	1449238	102.51	ug/l	100
69) o-Xylene	12.17	106	673509	51.46	ug/l	100
70) Styrene	12.19	104	1148906	52.26	ug/l	100
71) Bromoform	12.35	173	192382	50.36	ug/l #	100
73) Isopropylbenzene	12.47	105	1878076	51.30	ug/l	100
74) N-amyl acetate	12.28	43	387615	50.51	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	332654	49.05	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	218789m	27.45	ug/l	
77) Bromobenzene	12.75	156	434636	49.05	ug/l	100
78) n-propylbenzene	12.81	91	2296739	51.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	1286110	49.95	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1600419	51.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	103648	50.79	ug/l	100
82) 4-Chlorotoluene	12.99	91	1372066	50.15	ug/l	100
83) tert-Butylbenzene	13.21	119	1367455	51.41	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1651411	51.61	ug/l	100
85) sec-Butylbenzene	13.39	105	2041509	51.40	ug/l	100
86) p-Isopropyltoluene	13.51	119	1784903	51.65	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	880062	48.83	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	878376	48.76	ug/l	100
89) n-Butylbenzene	13.83	91	1720170	51.49	ug/l	100
90) Hexachloroethane	14.10	117	307040	48.75	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	795873	49.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52312	49.36	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	571604	49.92	ug/l	100
94) Hexachlorobutadiene	15.25	225	344183	48.97	ug/l	100
95) Naphthalene	15.38	128	1027627	51.90	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	507884	50.02	ug/l	100

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

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