

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008766.D
 Acq On : 21 Feb 2019 12:13
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 12:25:16 PM

Quant Time: Feb 22 00:33:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:19:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	486015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	153321	48.42	ug/l	0.00
Spiked Amount						
			Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	143722	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
50) Toluene-d8	10.32	98	584838	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.62	95	221587	50.24	ug/l	0.00
Spiked Amount						
			Recovery	=	100.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	162395	48.029	ug/l	100
3) Chloromethane	2.21	50	201928	49.061	ug/l	100
4) Vinyl Chloride	2.35	62	210750	48.362	ug/l	100
5) Bromomethane	2.76	94	150348	46.450	ug/l	100
6) Chloroethane	2.91	64	153684	49.664	ug/l	100
7) Trichlorofluoromethane	3.26	101	257952	46.803	ug/l	100
8) Diethyl Ether	3.68	74	78197	44.815	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157563	47.077	ug/l	100
10) Methyl Iodide	4.27	142	223954	53.510	ug/l	100
11) Tert butyl alcohol	5.17	59	62462	227.139	ug/l	100
12) 1,1-Dichloroethene	4.04	96	141549	47.888	ug/l	100
13) Acrolein	3.89	56	69294	259.953	ug/l	100
14) Allyl chloride	4.67	41	245239	48.072	ug/l	100
15) Acrylonitrile	5.37	53	176462	235.644	ug/l	100
16) Acetone	4.12	43	184299	251.116	ug/l	100
17) Carbon Disulfide	4.37	76	493565	50.328	ug/l	100
18) Methyl Acetate	4.68	43	74567	42.835	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	373861	46.730	ug/l	100
20) Methylene Chloride	4.92	84	179691	41.527	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	161235	47.157	ug/l	100
22) Diisopropyl ether	6.31	45	490346	48.184	ug/l	100
23) Vinyl Acetate	6.26	43	1501974	238.877	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276227	46.841	ug/l	100
25) 2-Butanone	7.17	43	249237	242.905	ug/l	100
26) 2,2-Dichloropropane	7.17	77	243756	45.529	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	170453	46.605	ug/l	100
28) Bromochloromethane	7.51	49	118787	48.136	ug/l	100
29) Tetrahydrofuran	7.53	42	152851	233.759	ug/l	100
30) Chloroform	7.68	83	282555	46.706	ug/l	100
31) Cyclohexane	7.95	56	272081	45.581	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	258638	47.011	ug/l	100
36) 1,1-Dichloropropene	8.08	75	227773	48.144	ug/l	100
37) Ethyl Acetate	7.25	43	102668	46.666	ug/l	100
38) Carbon Tetrachloride	8.07	117	236535	47.408	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	292562	49.577	ug/l	100
40) Benzene	8.32	78	636689	49.290	ug/l	100
41) Methacrylonitrile	7.49	41	58160	44.974	ug/l	100
42) 1,2-Dichloroethane	8.40	62	193864	47.378	ug/l	100
43) Isopropyl Acetate	8.42	43	206299	46.984	ug/l	100
44) Trichloroethene	9.09	130	175405	48.203	ug/l	100
45) 1,2-Dichloropropane	9.37	63	152262	47.701	ug/l	100
46) Dibromomethane	9.46	93	83117	46.813	ug/l	100
47) Bromodichloromethane	9.65	83	205698	47.616	ug/l	100
48) Methyl methacrylate	9.44	41	98726	46.946	ug/l	100
49) 1,4-Dioxane	9.45	88	30196	1061.988	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	541823	243.053	ug/l	100
52) Toluene	10.38	92	435599	49.689	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	214998	48.829	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	244466	48.681	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	114641	47.610	ug/l	100
56) Ethyl methacrylate	10.65	69	159822	51.088	ug/l	100
57) 1,3-Dichloropropane	10.93	76	201228	47.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	345177	219.383	ug/l	100
59) 2-Hexanone	10.97	43	400608	252.453	ug/l	100
60) Dibromochloromethane	11.13	129	142473	48.510	ug/l	100
61) 1,2-Dibromoethane	11.23	107	115253	48.356	ug/l	100
64) Tetrachloroethene	10.86	164	165351	49.329	ug/l	100
65) Chlorobenzene	11.66	112	480485	48.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	160366	48.168	ug/l	100
67) Ethyl Benzene	11.73	91	869323	49.388	ug/l	100
68) m/p-Xylenes	11.84	106	692228	98.427	ug/l	100
69) o-Xylene	12.16	106	326120	49.403	ug/l	100
70) Styrene	12.18	104	527350	49.655	ug/l	100
71) Bromoform	12.35	173	85266	47.645	ug/l	100
73) Isopropylbenzene	12.46	105	887397	50.604	ug/l	100
74) N-amyl acetate	12.27	43	222882	50.457	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	134915	47.085	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	98180m	44.363	ug/l	
77) Bromobenzene	12.75	156	205219	49.522	ug/l	100
78) n-propylbenzene	12.80	91	1086893	50.669	ug/l	100
79) 2-Chlorotoluene	12.90	91	606502	49.799	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	765601	50.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41261	47.495	ug/l	100
82) 4-Chlorotoluene	12.99	91	635822	49.541	ug/l	100
83) tert-Butylbenzene	13.21	119	657477	49.896	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	791402	50.168	ug/l	100
85) sec-Butylbenzene	13.38	105	951817	50.236	ug/l	100
86) p-Isopropyltoluene	13.50	119	872351	50.223	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	422148	49.100	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	417963	49.324	ug/l	100
89) n-Butylbenzene	13.83	91	827890	50.877	ug/l	100
90) Hexachloroethane	14.10	117	143450	50.449	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	373096	48.702	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25826	49.826	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	282347	51.152	ug/l	100
94) Hexachlorobutadiene	15.24	225	166270	51.139	ug/l	100
95) Naphthalene	15.37	128	487115	51.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	245810	51.505	ug/l	100

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

