

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015400.D
 Acq On : 05 May 2020 17:28
 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
 5/6/2020 12:11:59 PM

Quant Time: May 05 18:38:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122079	63.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.24%	
35) Dibromofluoromethane	7.88	113	106474	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.32	98	444849	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	165712	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65740	39.047	ug/l	100
3) Chloromethane	2.21	50	75517	40.861	ug/l	100
4) Vinyl Chloride	2.37	62	122382	53.416	ug/l	100
5) Bromomethane	2.78	94	86620	53.064	ug/l	100
6) Chloroethane	2.93	64	80726	55.851	ug/l	100
7) Trichlorofluoromethane	3.26	101	91062	30.431	ug/l	100
8) Diethyl Ether	3.68	74	52888	56.840	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	101936	50.884	ug/l	100
10) Methyl Iodide	4.26	142	153892	69.524	ug/l	100
11) Tert butyl alcohol	5.17	59	33698	224.655	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105733	54.141	ug/l	100
13) Acrolein	3.89	56	45109	469.822	ug/l	100
14) Allyl chloride	4.67	41	183810	67.406	ug/l	100
15) Acrylonitrile	5.36	53	113305	312.246	ug/l	100
16) Acetone	4.12	43	91876	280.330	ug/l	100
17) Carbon Disulfide	4.38	76	328107	56.481	ug/l	100
18) Methyl Acetate	4.67	43	47819	54.729	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	169759	40.181	ug/l	100
20) Methylene Chloride	4.92	84	111051	52.237	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	120571	54.557	ug/l	100
22) Diisopropyl ether	6.31	45	363451	69.084	ug/l	100
23) Vinyl Acetate	6.26	43	1106226	355.073	ug/l	100
24) 1,1-Dichloroethane	6.21	63	218513	61.767	ug/l	100
25) 2-Butanone	7.17	43	144767	320.667	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142456	41.293	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	131146	54.861	ug/l	100
28) Bromochloromethane	7.51	49	87397	67.008	ug/l	100
29) Tetrahydrofuran	7.53	42	96831	339.180	ug/l	100
30) Chloroform	7.68	83	216903	57.769	ug/l	100
31) Cyclohexane	7.95	56	213908	60.007	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	186271	52.378	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181713	53.631	ug/l	100
37) Ethyl Acetate	7.25	43	71256	62.273	ug/l	100
38) Carbon Tetrachloride	8.07	117	171293	47.309	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227529	50.886	ug/l	100
40) Benzene	8.32	78	486004	53.742	ug/l	100
41) Methacrylonitrile	7.48	41	41033	59.513	ug/l	100
42) 1,2-Dichloroethane	8.40	62	148447	55.198	ug/l	100
43) Isopropyl Acetate	8.42	43	143331	60.274	ug/l	100
44) Trichloroethene	9.09	130	127733	47.322	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119765	56.234	ug/l	100
46) Dibromomethane	9.46	93	59495	49.444	ug/l	100
47) Bromodichloromethane	9.65	83	164702	51.011	ug/l	100
48) Methyl methacrylate	9.43	41	68462	61.194	ug/l	100
49) 1,4-Dioxane	9.45	88	16032	1009.426	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	342765	305.869	ug/l	100
52) Toluene	10.39	92	319855	51.095	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	168812	52.827	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	198539	53.299	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	83896	49.777	ug/l	100
56) Ethyl methacrylate	10.65	69	117552	53.490	ug/l	100
57) 1,3-Dichloropropane	10.93	76	151515	53.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	290361	283.922	ug/l	100
59) 2-Hexanone	10.97	43	234011	295.652	ug/l	100
60) Dibromochloromethane	11.13	129	102681	46.814	ug/l	100
61) 1,2-Dibromoethane	11.23	107	81190	49.565	ug/l	100
64) Tetrachloroethene	10.86	164	102255	43.842	ug/l	100
65) Chlorobenzene	11.66	112	326556	49.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115807	49.317	ug/l	100
67) Ethyl Benzene	11.73	91	623312	50.873	ug/l	100
68) m/p-Xylenes	11.83	106	467409	98.344	ug/l	100
69) o-Xylene	12.16	106	222209	49.911	ug/l	100
70) Styrene	12.18	104	383952	50.515	ug/l	100
71) Bromoform	12.35	173	58885	45.211	ug/l #	100
73) Isopropylbenzene	12.46	105	620301	52.017	ug/l	100
74) N-amyl acetate	12.27	43	143390	65.487	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	96787	55.922	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79022m	57.973	ug/l	
77) Bromobenzene	12.74	156	130982	48.731	ug/l	100
78) n-propylbenzene	12.80	91	748333	53.681	ug/l	100
79) 2-Chlorotoluene	12.89	91	423465	53.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	530131	51.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34636	56.127	ug/l	100
82) 4-Chlorotoluene	12.99	91	448016	53.780	ug/l	100
83) tert-Butylbenzene	13.21	119	451699	50.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	533784	52.757	ug/l	100
85) sec-Butylbenzene	13.38	105	643522	52.063	ug/l	100
86) p-Isopropyltoluene	13.50	119	589504	51.610	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	268715	50.011	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	264095	50.121	ug/l	100
89) n-Butylbenzene	13.82	91	582448	54.983	ug/l	100
90) Hexachloroethane	14.09	117	106401	50.695	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	225298	48.518	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16808	54.396	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153335	47.750	ug/l	100
94) Hexachlorobutadiene	15.24	225	91593	43.226	ug/l	100
95) Naphthalene	15.36	128	279327	53.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130550	49.643	ug/l	100

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

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