

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015749.D
 Acq On : 26 Jun 2020 16:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:34:05 PM

Quant Time: Jun 27 02:29:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110573	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.89	113	100632	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.33	98	401406	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.62	95	155172	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62862	52.191	ug/l	100
3) Chloromethane	2.21	50	67608	47.801	ug/l	98
4) Vinyl Chloride	2.37	62	112160	49.052	ug/l	100
5) Bromomethane	2.78	94	82149	48.882	ug/l	99
6) Chloroethane	2.93	64	75682	50.296	ug/l	99
7) Trichlorofluoromethane	3.26	101	89304	52.016	ug/l	95
8) Diethyl Ether	3.68	74	50424	50.855	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98110	48.481	ug/l	100
10) Methyl Iodide	4.27	142	139897	48.890	ug/l	100
11) Tert butyl alcohol	5.19	59	29156	231.467	ug/l	98
12) 1,1-Dichloroethene	4.04	96	95730	48.582	ug/l	98
13) Acrolein	3.89	56	28526	182.703	ug/l	99
14) Allyl chloride	4.67	41	156197	48.859	ug/l	100
15) Acrylonitrile	5.37	53	104428	255.270	ug/l	99
16) Acetone	4.13	43	111370	260.653	ug/l	95
17) Carbon Disulfide	4.39	76	267187	47.112	ug/l	100
18) Methyl Acetate	4.67	43	46626	53.022	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	153030	51.602	ug/l	98
20) Methylene Chloride	4.92	84	113043	54.732	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	111169	49.207	ug/l	96
22) Diisopropyl ether	6.32	45	319174	50.198	ug/l	98
23) Vinyl Acetate	6.26	43	975167	262.997	ug/l	99
24) 1,1-Dichloroethane	6.22	63	196270	49.038	ug/l	99
25) 2-Butanone	7.18	43	147092	254.717	ug/l	97
26) 2,2-Dichloropropane	7.17	77	122168	45.509	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	121613	50.040	ug/l	99
28) Bromochloromethane	7.52	49	77028	50.032	ug/l	99
29) Tetrahydrofuran	7.54	42	87573	258.064	ug/l	100
30) Chloroform	7.68	83	202697	49.381	ug/l	99
31) Cyclohexane	7.96	56	181463	46.870	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	170532	48.738	ug/l	100
36) 1,1-Dichloropropene	8.09	75	166015	50.177	ug/l	99
37) Ethyl Acetate	7.26	43	63336	50.135	ug/l	98
38) Carbon Tetrachloride	8.07	117	157827	49.210	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203738	50.839	ug/l	98
40) Benzene	8.32	78	445815	49.555	ug/l	98
41) Methacrylonitrile	7.49	41	37010	51.046	ug/l	96
42) 1,2-Dichloroethane	8.40	62	140736	50.567	ug/l	100
43) Isopropyl Acetate	8.43	43	128832	51.103	ug/l	99
44) Trichloroethene	9.10	130	119977	49.478	ug/l	96
45) 1,2-Dichloropropane	9.37	63	110090	50.064	ug/l	98
46) Dibromomethane	9.46	93	58161	51.119	ug/l	99
47) Bromodichloromethane	9.65	83	147579	49.727	ug/l	99
48) Methyl methacrylate	9.44	41	60429	52.429	ug/l	98
49) 1,4-Dioxane	9.46	88	15599	1045.132	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	320474	263.598	ug/l	100
52) Toluene	10.39	92	297161	51.155	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	147433	51.423	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	174078	50.825	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	82278	52.012	ug/l	97
56) Ethyl methacrylate	10.65	69	108095	54.919	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144196	51.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	251442	269.951	ug/l	100
59) 2-Hexanone	10.97	43	226234	273.333	ug/l	99
60) Dibromochloromethane	11.13	129	95394	51.748	ug/l	96
61) 1,2-Dibromoethane	11.24	107	77450	51.221	ug/l	98
64) Tetrachloroethene	10.87	164	101045	48.875	ug/l	99
65) Chlorobenzene	11.66	112	311107	50.141	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	112177	51.564	ug/l	99
67) Ethyl Benzene	11.73	91	593566	51.404	ug/l	99
68) m/p-Xylenes	11.84	106	448978	103.548	ug/l	99
69) o-Xylene	12.17	106	209618	52.579	ug/l	99
70) Styrene	12.18	104	360357	52.905	ug/l	99
71) Bromoform	12.35	173	51884	51.834	ug/l #	98
73) Isopropylbenzene	12.46	105	588152	49.125	ug/l	100
74) N-amyl acetate	12.27	43	128629	50.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	95641	49.934	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69339m	48.435	ug/l	
77) Bromobenzene	12.75	156	130920	49.040	ug/l	99
78) n-propylbenzene	12.80	91	718138	49.832	ug/l	99
79) 2-Chlorotoluene	12.90	91	398008	49.050	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504201	49.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27600	48.584	ug/l	93
82) 4-Chlorotoluene	12.99	91	421044	49.047	ug/l	99
83) tert-Butylbenzene	13.21	119	428990	50.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	509827	50.393	ug/l	99
85) sec-Butylbenzene	13.38	105	608332	49.658	ug/l	99
86) p-Isopropyltoluene	13.50	119	554726	49.839	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	262859	49.599	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	253491	48.295	ug/l	97
89) n-Butylbenzene	13.82	91	544398	50.951	ug/l	99
90) Hexachloroethane	14.10	117	96074	48.504	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	226797	49.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15186	49.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158247	52.297	ug/l	98
94) Hexachlorobutadiene	15.24	225	93464	48.484	ug/l	98
95) Naphthalene	15.37	128	274467	54.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	134391	51.584	ug/l	98

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

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