

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015297.D
 Acq On : 22 Apr 2020 06:55
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:41:31 AM

Quant Time: Apr 22 07:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	312530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	177119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	91040	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.88	113	92722	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	10.32	98	361708	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	145994	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	70633	43.160	ug/l	97
3) Chloromethane	2.22	50	84391	47.354	ug/l	100
4) Vinyl Chloride	2.36	62	97406	46.285	ug/l	100
5) Bromomethane	2.76	94	85996	57.472	ug/l	92
6) Chloroethane	2.91	64	62211	47.657	ug/l	100
7) Trichlorofluoromethane	3.26	101	129941	43.635	ug/l	98
8) Diethyl Ether	3.69	74	43794	52.393	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80154	43.647	ug/l	91
10) Methyl Iodide	4.28	142	87541	45.385	ug/l	99
11) Tert butyl alcohol	5.17	59	33868	245.166	ug/l	99
12) 1,1-Dichloroethene	4.04	96	80979	45.813	ug/l	94
13) Acrolein	3.90	56	22690	313.815	ug/l	99
14) Allyl chloride	4.67	41	106412	45.379	ug/l #	86
15) Acrylonitrile	5.37	53	82072	258.010	ug/l	98
16) Acetone	4.13	43	60706	205.092	ug/l	98
17) Carbon Disulfide	4.38	76	238317	45.369	ug/l	99
18) Methyl Acetate	4.67	43	40756	52.018	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	214863	52.952	ug/l	94
20) Methylene Chloride	4.92	84	96869	49.935	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	97525	48.648	ug/l	94
22) Diisopropyl ether	6.31	45	231881	51.546	ug/l	92
23) Vinyl Acetate	6.26	43	668174	253.111	ug/l	95
24) 1,1-Dichloroethane	6.22	63	156182	50.095	ug/l	98
25) 2-Butanone	7.17	43	95840	244.051	ug/l	91
26) 2,2-Dichloropropane	7.17	77	129617	39.518	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	113270	52.337	ug/l	94
28) Bromochloromethane	7.51	49	57135	50.404	ug/l #	72
29) Tetrahydrofuran	7.53	42	64379	263.135	ug/l	87
30) Chloroform	7.68	83	175363	52.116	ug/l	98
31) Cyclohexane	7.95	56	121420	38.744	ug/l	86
32) 1,1,1-Trichloroethane	7.87	97	154509	47.577	ug/l	99
36) 1,1-Dichloropropene	8.09	75	124996	44.312	ug/l	99
37) Ethyl Acetate	7.25	43	44790	48.926	ug/l #	97
38) Carbon Tetrachloride	8.07	117	135240	43.873	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	151561	40.369	ug/l	96
40) Benzene	8.32	78	363627	48.258	ug/l	97
41) Methacrylonitrile	7.49	41	25821	47.008	ug/l	89
42) 1,2-Dichloroethane	8.40	62	112752	50.830	ug/l	99
43) Isopropyl Acetate	8.42	43	95532	49.755	ug/l	96
44) Trichloroethene	9.09	130	113543	49.263	ug/l	93
45) 1,2-Dichloropropane	9.37	63	87378	49.866	ug/l	100
46) Dibromomethane	9.46	93	52714	52.006	ug/l #	87
47) Bromodichloromethane	9.65	83	135165	49.882	ug/l	97
48) Methyl methacrylate	9.43	41	43651	48.092	ug/l #	81
49) 1,4-Dioxane	9.45	88	15504	1147.359	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	232567	258.031	ug/l	96
52) Toluene	10.39	92	255777	48.503	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	129416	48.437	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	149480	48.133	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	73322	51.659	ug/l	97
56) Ethyl methacrylate	10.65	69	93510	51.141	ug/l	93
57) 1,3-Dichloropropane	10.93	76	122095	51.930	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	203149	239.645	ug/l #	89
59) 2-Hexanone	10.97	43	160053	248.764	ug/l	97
60) Dibromochloromethane	11.13	129	99551	53.122	ug/l	99
61) 1,2-Dibromoethane	11.24	107	72320	52.219	ug/l	98
64) Tetrachloroethene	10.86	164	104984	48.042	ug/l	93
65) Chlorobenzene	11.66	112	291338	48.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	108009	50.017	ug/l	98
67) Ethyl Benzene	11.73	91	520426	46.447	ug/l	99
68) m/p-Xylenes	11.83	106	419423	95.498	ug/l	99
69) o-Xylene	12.16	106	202212	49.327	ug/l	98
70) Styrene	12.18	104	352246	50.409	ug/l	98
71) Bromoform	12.35	173	63037	51.807	ug/l #	97
73) Isopropylbenzene	12.46	105	538582	43.857	ug/l	99
74) N-amyl acetate	12.27	43	100608	47.091	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	81683	46.847	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63983m	46.696	ug/l	
77) Bromobenzene	12.74	156	138045	48.927	ug/l	82
78) n-propylbenzene	12.80	91	620337	43.385	ug/l	96
79) 2-Chlorotoluene	12.89	91	374936	46.530	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	478068	45.192	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	25670	40.954	ug/l	94
82) 4-Chlorotoluene	12.99	91	392647	45.894	ug/l	97
83) tert-Butylbenzene	13.21	119	419391	45.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	478847	45.893	ug/l	99
85) sec-Butylbenzene	13.38	105	563402	44.123	ug/l	97
86) p-Isopropyltoluene	13.50	119	521452	43.949	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	265939	47.439	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	264234	48.084	ug/l	97
89) n-Butylbenzene	13.82	91	456275	42.073	ug/l	97
90) Hexachloroethane	14.09	117	97822	44.956	ug/l	72
91) 1,2-Dichlorobenzene	13.87	146	241338	49.541	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15444	48.945	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169040	49.923	ug/l	98
94) Hexachlorobutadiene	15.23	225	104720	46.388	ug/l	97
95) Naphthalene	15.36	128	274003	50.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	143355	52.035	ug/l	98

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

