

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016297.D
 Acq On : 21 Aug 2020 11:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:54:58 PM

Quant Time: Aug 22 06:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110595	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	115984	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.32	98	443959	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	161554	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	81252	53.549	ug/l	97
3) Chloromethane	2.21	50	79292	49.082	ug/l	96
4) Vinyl Chloride	2.37	62	113419	50.159	ug/l	99
5) Bromomethane	2.78	94	76639	54.511	ug/l	99
6) Chloroethane	2.93	64	67072	52.524	ug/l	98
7) Trichlorofluoromethane	3.26	101	107164	58.541	ug/l	98
8) Diethyl Ether	3.68	74	63833	55.568	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	124368	51.811	ug/l	100
10) Methyl Iodide	4.27	142	193827	55.884	ug/l	98
11) Tert butyl alcohol	5.17	59	33834	292.168	ug/l	98
12) 1,1-Dichloroethene	4.04	96	127948	52.378	ug/l	98
13) Acrolein	3.89	56	46028	275.155	ug/l	100
14) Allyl chloride	4.67	41	170541	52.106	ug/l	96
15) Acrylonitrile	5.37	53	119414	275.879	ug/l	100
16) Acetone	4.12	43	117890	282.823	ug/l	98
17) Carbon Disulfide	4.38	76	368700	51.404	ug/l	99
18) Methyl Acetate	4.67	43	50169	51.685	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	181986	60.503	ug/l	95
20) Methylene Chloride	4.92	84	142041	55.390	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	138756	52.162	ug/l	99
22) Diisopropyl ether	6.31	45	329945	53.474	ug/l	98
23) Vinyl Acetate	6.25	43	982830	278.181	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221799	51.504	ug/l	98
25) 2-Butanone	7.17	43	153020	273.920	ug/l	99
26) 2,2-Dichloropropane	7.17	77	150232	54.005	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	148941	54.244	ug/l	99
28) Bromochloromethane	7.51	49	81493	49.878	ug/l	93
29) Tetrahydrofuran	7.53	42	92070	275.717	ug/l	96
30) Chloroform	7.67	83	231414	51.719	ug/l	97
31) Cyclohexane	7.96	56	196245	49.421	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	202990	53.997	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190205	51.927	ug/l	99
37) Ethyl Acetate	7.25	43	65920	52.489	ug/l	98
38) Carbon Tetrachloride	8.07	117	190951	52.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	237908	53.921	ug/l	95
40) Benzene	8.32	78	523385	50.791	ug/l	99
41) Methacrylonitrile	7.48	41	41844	58.380	ug/l	97
42) 1,2-Dichloroethane	8.40	62	142432	52.335	ug/l	99
43) Isopropyl Acetate	8.43	43	128475	54.376	ug/l	98
44) Trichloroethene	9.09	130	150060	51.417	ug/l	98
45) 1,2-Dichloropropane	9.37	63	122665	50.499	ug/l	98
46) Dibromomethane	9.46	93	66984	52.525	ug/l	97
47) Bromodichloromethane	9.65	83	175367	53.225	ug/l	96
48) Methyl methacrylate	9.44	41	60222	54.828	ug/l	95
49) 1,4-Dioxane	9.45	88	17386	1082.684	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	319205	267.117	ug/l	98
52) Toluene	10.39	92	340407	51.588	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	171931	56.357	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	207025	54.601	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	96231	52.590	ug/l	98
56) Ethyl methacrylate	10.65	69	122171	58.547	ug/l	98
57) 1,3-Dichloropropane	10.93	76	163799	52.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	236831	248.929	ug/l	98
59) 2-Hexanone	10.97	43	222040	271.606	ug/l	97
60) Dibromochloromethane	11.13	129	120087	55.167	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95624	54.286	ug/l	99
64) Tetrachloroethene	10.87	164	118580	54.515	ug/l	96
65) Chlorobenzene	11.66	112	365741	53.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135050	56.863	ug/l	97
67) Ethyl Benzene	11.73	91	667504	54.662	ug/l	99
68) m/p-Xylenes	11.84	106	505565	107.711	ug/l	98
69) o-Xylene	12.17	106	234177	56.001	ug/l	98
70) Styrene	12.18	104	408581	56.465	ug/l	99
71) Bromoform	12.35	173	63623	59.857	ug/l #	96
73) Isopropylbenzene	12.46	105	657745	56.026	ug/l	100
74) N-amyl acetate	12.27	43	117375	55.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105315	53.611	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	73295m	51.731	ug/l	
77) Bromobenzene	12.75	156	148336	57.125	ug/l	93
78) n-propylbenzene	12.80	91	769263	54.896	ug/l	99
79) 2-Chlorotoluene	12.89	91	439703	54.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	563188	55.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34202	57.901	ug/l	97
82) 4-Chlorotoluene	12.99	91	453861	53.857	ug/l	99
83) tert-Butylbenzene	13.21	119	478155	57.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	558342	55.988	ug/l	99
85) sec-Butylbenzene	13.38	105	667234	55.583	ug/l	98
86) p-Isopropyltoluene	13.50	119	611641	56.334	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	279192	53.687	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277132	54.120	ug/l	98
89) n-Butylbenzene	13.82	91	563706	56.121	ug/l	100
90) Hexachloroethane	14.10	117	111397	54.977	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	243250	53.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17101	56.630	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	164133	60.708	ug/l	98
94) Hexachlorobutadiene	15.24	225	93617	58.241	ug/l	97
95) Naphthalene	15.37	128	310036	54.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	141826	61.083	ug/l	98

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

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