

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016186.D
 Acq On : 14 Aug 2020 11:25
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:29 PM

Quant Time: Aug 14 12:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	270088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	254990	90.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	181.90%	
35) Dibromofluoromethane	7.88	113	265688	100.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.72%	
50) Toluene-d8	10.33	98	1074612	106.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.02%	
62) 4-Bromofluorobenzene	12.62	95	373789	101.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	183717	126.166	ug/l	95
3) Chloromethane	2.21	50	195856	101.584	ug/l	96
4) Vinyl Chloride	2.37	62	268128	91.654	ug/l	95
5) Bromomethane	2.78	94	166403	75.868	ug/l	97
6) Chloroethane	2.92	64	157357	81.500	ug/l	98
7) Trichlorofluoromethane	3.26	101	230489	108.677	ug/l	99
8) Diethyl Ether	3.68	74	142806	106.285	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	289441	113.758	ug/l	99
10) Methyl Iodide	4.26	142	427624	119.606	ug/l	100
11) Tert butyl alcohol	5.23	59	67311	440.124	ug/l	97
12) 1,1-Dichloroethene	4.03	96	300579	119.246	ug/l	99
13) Acrolein	3.90	56	94725	489.396	ug/l	99
14) Allyl chloride	4.67	41	420408	106.133	ug/l	100
15) Acrylonitrile	5.38	53	267666	512.403	ug/l	100
16) Acetone	4.14	43	251762	485.621	ug/l	96
17) Carbon Disulfide	4.38	76	894420	119.705	ug/l	99
18) Methyl Acetate	4.68	43	111019	93.929	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	373404	101.633	ug/l	100
20) Methylene Chloride	4.91	84	305357	99.332	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	327748	113.146	ug/l	95
22) Diisopropyl ether	6.32	45	757527	95.560	ug/l	99
23) Vinyl Acetate	6.26	43	2273844	482.544	ug/l	100
24) 1,1-Dichloroethane	6.22	63	519491	102.226	ug/l	99
25) 2-Butanone	7.18	43	335944	479.529	ug/l	99
26) 2,2-Dichloropropane	7.16	77	320932	100.479	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	339083	110.199	ug/l	99
28) Bromochloromethane	7.51	49	193182	94.420	ug/l	100
29) Tetrahydrofuran	7.54	42	205046	482.036	ug/l	100
30) Chloroform	7.68	83	527654	101.326	ug/l	99
31) Cyclohexane	7.96	56	471007	98.224	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	458296	104.940	ug/l	100
36) 1,1-Dichloropropene	8.09	75	442495	103.108	ug/l	100
37) Ethyl Acetate	7.26	43	147796	88.867	ug/l	99
38) Carbon Tetrachloride	8.07	117	434405	104.107	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	563430	110.785	ug/l	99
40) Benzene	8.32	78	1220783	103.344	ug/l	99
41) Methacrylonitrile	7.49	41	91516	97.049	ug/l	97
42) 1,2-Dichloroethane	8.40	62	313771	87.285	ug/l	99
43) Isopropyl Acetate	8.43	43	286523	89.248	ug/l	100
44) Trichloroethene	9.10	130	337155	107.089	ug/l	95
45) 1,2-Dichloropropane	9.37	63	285474	98.785	ug/l	97
46) Dibromomethane	9.46	93	148835	99.426	ug/l	99
47) Bromodichloromethane	9.65	83	396252	102.948	ug/l	97
48) Methyl methacrylate	9.44	41	139690	95.217	ug/l	99
49) 1,4-Dioxane	9.48	88	40015	2132.828	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	717898	456.411	ug/l	100
52) Toluene	10.39	92	790943	103.863	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	383471	104.130	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	467668	105.468	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	211969	102.039	ug/l	100
56) Ethyl methacrylate	10.65	69	269916	105.706	ug/l	98
57) 1,3-Dichloropropane	10.93	76	366327	99.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	583606	473.173	ug/l	100
59) 2-Hexanone	10.98	43	500120	475.218	ug/l	99
60) Dibromochloromethane	11.13	129	267121	110.404	ug/l	100
61) 1,2-Dibromoethane	11.24	107	203263	101.271	ug/l	98
64) Tetrachloroethene	10.87	164	258016	103.254	ug/l	93
65) Chlorobenzene	11.66	112	817421	106.120	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	290229	106.558	ug/l	99
67) Ethyl Benzene	11.73	91	1519328	106.505	ug/l	98
68) m/p-Xylenes	11.84	106	1145795	213.821	ug/l	100
69) o-Xylene	12.17	106	530748	108.702	ug/l	99
70) Styrene	12.18	104	905064	107.627	ug/l	99
71) Bromoform	12.35	173	134255	108.269	ug/l #	96
73) Isopropylbenzene	12.47	105	1490444	119.711	ug/l	99
74) N-amyl acetate	12.27	43	264990	101.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	224898	107.944	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	164670m	106.059	ug/l	
77) Bromobenzene	12.75	156	315201	113.186	ug/l	95
78) n-propylbenzene	12.80	91	1731796	115.010	ug/l	100
79) 2-Chlorotoluene	12.90	91	978210	113.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1241931	116.796	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	75093	121.798	ug/l	97
82) 4-Chlorotoluene	12.99	91	1010122	112.310	ug/l	100
83) tert-Butylbenzene	13.21	119	1044585	118.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1219353	114.852	ug/l	98
85) sec-Butylbenzene	13.38	105	1470703	115.508	ug/l	99
86) p-Isopropyltoluene	13.50	119	1327845	114.198	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	594827	106.352	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	592076	108.348	ug/l	99
89) n-Butylbenzene	13.82	91	1248538	113.130	ug/l	99
90) Hexachloroethane	14.10	117	250600	119.342	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	526441	109.277	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	36368	109.650	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	348689	115.085	ug/l	99
94) Hexachlorobutadiene	15.24	225	203185	107.500	ug/l	95
95) Naphthalene	15.37	128	679535	130.577	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	293544	112.520	ug/l	98

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

