

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015097.D
 Acq On : 09 Mar 2020 12:47
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:24:02 PM

Quant Time: Mar 09 18:48:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	494354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	923897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	837107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	375468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	991281	136.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.74%	
35) Dibromofluoromethane	7.88	113	763619	138.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.10%	
50) Toluene-d8	10.32	98	3289271	142.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.00%	
62) 4-Bromofluorobenzene	12.62	95	1150695	149.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	490933	163.775	ug/l	99
3) Chloromethane	2.21	50	891504	138.590	ug/l	98
4) Vinyl Chloride	2.36	62	1127277	133.858	ug/l	100
5) Bromomethane	2.75	94	690056	143.349	ug/l	99
6) Chloroethane	2.92	64	687418	140.927	ug/l	96
7) Trichlorofluoromethane	3.25	101	598639	142.050	ug/l	99
8) Diethyl Ether	3.68	74	473217	147.365	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	861698	134.130	ug/l	99
10) Methyl Iodide	4.27	142	1021863	142.976	ug/l	99
11) Tert butyl alcohol	5.17	59	299883	717.857	ug/l	98
12) 1,1-Dichloroethene	4.04	96	908097	144.575	ug/l	95
13) Acrolein	3.89	56	403519	660.469	ug/l	98
14) Allyl chloride	4.66	41	1907233	151.519	ug/l	99
15) Acrylonitrile	5.36	53	1225873	744.749	ug/l	99
16) Acetone	4.11	43	1158517	698.854	ug/l	96
17) Carbon Disulfide	4.38	76	3108677	139.593	ug/l	99
18) Methyl Acetate	4.66	43	564794	143.726	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1177327	146.421	ug/l	99
20) Methylene Chloride	4.91	84	958928	124.952	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	951681	142.706	ug/l	98
22) Diisopropyl ether	6.31	45	3612761	149.583	ug/l	97
23) Vinyl Acetate	6.25	43	11351952	796.207	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1978236	140.456	ug/l	99
25) 2-Butanone	7.17	43	1732013	762.137	ug/l	98
26) 2,2-Dichloropropane	7.16	77	1040831	129.210	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1011111	145.634	ug/l	100
28) Bromochloromethane	7.51	49	922122	136.637	ug/l	99
29) Tetrahydrofuran	7.52	42	1126484	792.467	ug/l	100
30) Chloroform	7.67	83	1709109	136.742	ug/l	99
31) Cyclohexane	7.95	56	1997658	137.906	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1347053	138.028	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1498070	139.819	ug/l	100
37) Ethyl Acetate	7.24	43	778696	145.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	1198885	137.455	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1875027	153.053	ug/l	98
40) Benzene	8.32	78	4070355	136.703	ug/l	100
41) Methacrylonitrile	7.48	41	443224	156.943	ug/l	97
42) 1,2-Dichloroethane	8.40	62	1236841	136.346	ug/l	100
43) Isopropyl Acetate	8.42	43	1469712	153.523	ug/l	99
44) Trichloroethene	9.09	130	886238	139.828	ug/l	98
45) 1,2-Dichloropropane	9.37	63	1115140	139.069	ug/l	99
46) Dibromomethane	9.46	93	480655	137.855	ug/l	99
47) Bromodichloromethane	9.64	83	1312673	141.014	ug/l	100
48) Methyl methacrylate	9.43	41	760722	172.177	ug/l	94
49) 1,4-Dioxane	9.44	88	158638	2971.736	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	3836094	725.468	ug/l	99
52) Toluene	10.38	92	2449099	143.181	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1415861	154.606	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1676894	150.314	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	662200	138.606	ug/l	99
56) Ethyl methacrylate	10.64	69	1044033	169.359	ug/l	97
57) 1,3-Dichloropropane	10.93	76	1314082	144.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	2768448	765.388	ug/l	100
59) 2-Hexanone	10.96	43	2685157	812.985	ug/l	99
60) Dibromochloromethane	11.12	129	717796	145.469	ug/l	98
61) 1,2-Dibromoethane	11.23	107	612512	144.615	ug/l	99
64) Tetrachloroethene	10.86	164	662165	137.069	ug/l	96
65) Chlorobenzene	11.65	112	2347334	139.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	801484	143.246	ug/l	100
67) Ethyl Benzene	11.73	91	4864527	148.780	ug/l	98
68) m/p-Xylenes	11.84	106	3450761	298.544	ug/l	96
69) o-Xylene	12.16	106	1625993	156.164	ug/l	99
70) Styrene	12.18	104	2798250	156.846	ug/l	100
71) Bromoform	12.35	173	373131	150.270	ug/l #	99
73) Isopropylbenzene	12.46	105	4472287	155.930	ug/l	99
74) N-amyl acetate	12.27	43	1468826	173.288	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	835496	143.456	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	646335m	92.886	ug/l	
77) Bromobenzene	12.74	156	825608	145.637	ug/l	96
78) n-propylbenzene	12.80	91	5697825	152.862	ug/l	99
79) 2-Chlorotoluene	12.89	91	3172091	151.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	3782369	153.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	302704	161.118	ug/l	97
82) 4-Chlorotoluene	12.99	91	3324313	148.952	ug/l	100
83) tert-Butylbenzene	13.20	119	3175002	158.923	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	3800572	154.130	ug/l	99
85) sec-Butylbenzene	13.38	105	4677737	154.711	ug/l	100
86) p-Isopropyltoluene	13.49	119	4085628	157.204	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	1730097	144.038	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1687233	142.658	ug/l	99
89) n-Butylbenzene	13.82	91	4418188	157.634	ug/l	99
90) Hexachloroethane	14.09	117	782575	150.142	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1524887	144.953	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	140956	150.717	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	979242	162.666	ug/l	100
94) Hexachlorobutadiene	15.23	225	537527	142.217	ug/l	97
95) Naphthalene	15.36	128	2038432	181.344	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	849380	159.076	ug/l	99

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

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