

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014500.D
 Acq On : 03 Jan 2020 15:40
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:25 AM

Quant Time: Jan 03 16:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:49:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	894294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1340599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1172351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	561860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	1056594	150.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.66%	
35) Dibromofluoromethane	7.88	113	1061428	143.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.18%	
50) Toluene-d8	10.32	98	4410643	145.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.52%	
62) 4-Bromofluorobenzene	12.61	95	1514585	146.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	688827	139.509	ug/l	100
3) Chloromethane	2.21	50	820358	152.936	ug/l	98
4) Vinyl Chloride	2.36	62	1205037	148.718	ug/l	100
5) Bromomethane	2.74	94	747254	142.793	ug/l	99
6) Chloroethane	2.91	64	728275	150.837	ug/l	99
7) Trichlorofluoromethane	3.24	101	681418	142.180	ug/l	98
8) Diethyl Ether	3.67	74	632852	154.588	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	1151444	143.134	ug/l	99
10) Methyl Iodide	4.26	142	1780652	139.800	ug/l	99
11) Tert butyl alcohol	5.16	59	413375	853.335	ug/l	100
12) 1,1-Dichloroethene	4.04	96	1245991	149.635	ug/l	99
13) Acrolein	3.88	56	447112	834.169	ug/l	98
14) Allyl chloride	4.66	41	1909675	149.115	ug/l	99
15) Acrylonitrile	5.35	53	1413394	797.771	ug/l	99
16) Acetone	4.11	43	1511295	911.669	ug/l	98
17) Carbon Disulfide	4.38	76	3713820	153.207	ug/l	98
18) Methyl Acetate	4.66	43	712309	159.288	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1470899	144.643	ug/l	100
20) Methylene Chloride	4.91	84	1228344	131.851	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	1301948	146.303	ug/l	99
22) Diisopropyl ether	6.31	45	3462598	147.792	ug/l	99
23) Vinyl Acetate	6.24	43	10709398	766.691	ug/l	100
24) 1,1-Dichloroethane	6.21	63	2215465	149.452	ug/l	99
25) 2-Butanone	7.16	43	1922744	821.146	ug/l	99
26) 2,2-Dichloropropane	7.16	77	1114371	131.975	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	1389045	147.442	ug/l	99
28) Bromochloromethane	7.51	49	876757	172.893	ug/l	97
29) Tetrahydrofuran	7.52	42	1152531	793.355	ug/l	98
30) Chloroform	7.67	83	2069939	143.232	ug/l	100
31) Cyclohexane	7.95	56	2181880	140.802	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	1659863	145.477	ug/l	100
36) 1,1-Dichloropropene	8.08	75	1767368	140.084	ug/l	99
37) Ethyl Acetate	7.24	43	787636	149.630	ug/l	99
38) Carbon Tetrachloride	8.06	117	1564865	139.344	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	2363535	145.505	ug/l	100
40) Benzene	8.32	78	4991137	140.083	ug/l	100
41) Methacrylonitrile	7.48	41	453074	141.979	ug/l	98
42) 1,2-Dichloroethane	8.40	62	1286024	141.714	ug/l	100
43) Isopropyl Acetate	8.42	43	1491506	152.205	ug/l	100
44) Trichloroethene	9.09	130	1386031	138.434	ug/l	97
45) 1,2-Dichloropropane	9.37	63	1235258	144.333	ug/l	99
46) Dibromomethane	9.46	93	607333	143.949	ug/l	99
47) Bromodichloromethane	9.64	83	1561314	146.135	ug/l	99
48) Methyl methacrylate	9.43	41	740576	153.997	ug/l	98
49) 1,4-Dioxane	9.44	88	217959	3086.999	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	3737117	751.961	ug/l	99
52) Toluene	10.38	92	3211684	140.715	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	1660390	151.815	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	2007369	149.634	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	893062	142.681	ug/l	99
56) Ethyl methacrylate	10.64	69	1268138	158.336	ug/l	99
57) 1,3-Dichloropropane	10.93	76	1577684	146.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1912686	586.342	ug/l	99
59) 2-Hexanone	10.96	43	2711254	792.446	ug/l	99
60) Dibromochloromethane	11.13	129	1060465	145.688	ug/l	99
61) 1,2-Dibromoethane	11.23	107	864443	145.703	ug/l	100
64) Tetrachloroethene	10.86	164	1174954	133.957	ug/l	97
65) Chlorobenzene	11.65	112	3324468	138.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.72	131	1150274	138.994	ug/l	100
67) Ethyl Benzene	11.73	91	5963315	137.578	ug/l	98
68) m/p-Xylenes	11.83	106	4602291	275.441	ug/l	97
69) o-Xylene	12.16	106	2167960	141.213	ug/l	98
70) Styrene	12.18	104	3704391	141.139	ug/l	100
71) Bromoform	12.35	173	639708	143.549	ug/l #	99
73) Isopropylbenzene	12.46	105	5904973	145.481	ug/l	99
74) N-amyl acetate	12.27	43	1364504	161.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	1013488	148.745	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	635266m	136.399	ug/l	
77) Bromobenzene	12.74	156	1370668	142.499	ug/l	98
78) n-propylbenzene	12.80	91	6824144	144.224	ug/l	99
79) 2-Chlorotoluene	12.89	91	3876698	145.879	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	4871516	142.181	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	363718	160.022	ug/l	98
82) 4-Chlorotoluene	12.99	91	4019394	144.504	ug/l	99
83) tert-Butylbenzene	13.21	119	4333061	142.967	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	4810066	142.165	ug/l	99
85) sec-Butylbenzene	13.38	105	5920266	142.275	ug/l	99
86) p-Isopropyltoluene	13.49	119	5433157	141.228	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	2599043	139.445	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2551050	137.397	ug/l	99
89) n-Butylbenzene	13.82	91	5124136	146.028	ug/l	99
90) Hexachloroethane	14.09	117	982820	147.282	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	2258623	138.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	160261	151.779	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	1671504	144.034	ug/l	99
94) Hexachlorobutadiene	15.24	225	1041376	134.155	ug/l	97
95) Naphthalene	15.36	128	2997441	157.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	1432905	142.805	ug/l	99

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

