

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018983.D
 Acq On : 20 Oct 2020 18:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:05:06 PM

Quant Time: Oct 20 18:52:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	343593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	363406	132.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.40%	
35) Dibromofluoromethane	5.46	113	348870	157.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.10%	
50) Toluene-d8	8.70	98	1326552	152.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.54%	
62) 4-Bromofluorobenzene	11.12	95	533503	164.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	250435	140.714	ug/l	99
3) Chloromethane	1.31	50	256755	130.321	ug/l	98
4) Vinyl Chloride	1.39	62	333657	122.940	ug/l	100
5) Bromomethane	1.62	94	181447	81.074	ug/l	98
6) Chloroethane	1.69	64	235592	115.048	ug/l	98
7) Trichlorofluoromethane	1.90	101	609413	131.758	ug/l	99
8) Diethyl Ether	2.17	74	238369	130.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	255002	103.084	ug/l	98
10) Methyl Iodide	2.48	142	353819	152.449	ug/l	100
11) Tert butyl alcohol	3.04	59	431327	724.603	ug/l	99
12) 1,1-Dichloroethene	2.34	96	276664	104.153	ug/l	99
13) Acrolein	2.27	56	231986	647.246	ug/l	99
14) Allyl chloride	2.70	41	362463	128.711	ug/l	96
15) Acrylonitrile	3.12	53	739526	695.545	ug/l	99
16) Acetone	2.42	43	601042	537.709	ug/l	99
17) Carbon Disulfide	2.54	76	768258	133.202	ug/l	98
18) Methyl Acetate	2.75	43	308032	136.474	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	932348	137.232	ug/l	99
20) Methylene Chloride	2.83	84	326708	136.595	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	351247	144.599	ug/l	94
22) Diisopropyl ether	3.82	45	724785	128.274	ug/l	96
23) Vinyl Acetate	3.79	43	3513337	650.092	ug/l	95
24) 1,1-Dichloroethane	3.67	63	537677	133.573	ug/l	99
25) 2-Butanone	4.64	43	1013468	662.858	ug/l	97
26) 2,2-Dichloropropane	4.54	77	505241	130.003	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	403026	142.412	ug/l	93
28) Bromochloromethane	4.98	49	220741	129.593	ug/l #	78
29) Tetrahydrofuran	5.09	42	579633	647.540	ug/l	96
30) Chloroform	5.18	83	611217	136.436	ug/l	96
31) Cyclohexane	5.54	56	401805	125.609	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	554404	137.769	ug/l	97
36) 1,1-Dichloropropene	5.76	75	451676	139.494	ug/l	98
37) Ethyl Acetate	4.79	43	394943	142.310	ug/l	99
38) Carbon Tetrachloride	5.75	117	498046	149.265	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	510039	144.153	ug/l	97
40) Benzene	6.11	78	1357031	144.121	ug/l	98
41) Methacrylonitrile	5.01	41	203287	133.053	ug/l	96
42) 1,2-Dichloroethane	6.16	62	442580	136.080	ug/l	97
43) Isopropyl Acetate	6.42	43	655891	135.175	ug/l	97
44) Trichloroethene	7.18	130	399504	151.024	ug/l	94
45) 1,2-Dichloropropane	7.49	63	318696	140.718	ug/l	99
46) Dibromomethane	7.63	93	251174	148.991	ug/l	92
47) Bromodichloromethane	7.87	83	507251	149.962	ug/l	97
48) Methyl methacrylate	7.75	41	314292	140.750	ug/l	96
49) 1,4-Dioxane	7.71	88	189313	3377.058	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	2106226	741.881	ug/l	98
52) Toluene	8.76	92	932091	151.495	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	576828	150.734	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	597854	148.120	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	389151	157.864	ug/l	99
56) Ethyl methacrylate	9.16	69	579090	156.576	ug/l	97
57) 1,3-Dichloropropane	9.35	76	602009	148.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1426715	761.556	ug/l	94
59) 2-Hexanone	9.48	43	1667594	758.796	ug/l	97
60) Dibromochloromethane	9.57	129	470824	170.212	ug/l	99
61) 1,2-Dibromoethane	9.65	107	430011	162.792	ug/l	99
64) Tetrachloroethene	9.32	164	353940	128.500	ug/l	96
65) Chlorobenzene	10.12	112	1086944	151.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	414834	159.082	ug/l	97
67) Ethyl Benzene	10.24	91	1796067	142.454	ug/l	97
68) m/p-Xylenes	10.34	106	1469168	298.453	ug/l	94
69) o-Xylene	10.68	106	711448	152.748	ug/l	95
70) Styrene	10.70	104	1250206	157.219	ug/l	99
71) Bromoform	10.84	173	401640	190.105	ug/l #	99
73) Isopropylbenzene	11.00	105	1879775	131.804	ug/l	97
74) N-amyl acetate	10.88	43	626899	127.533	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	638760	139.868	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	549906m	133.071	ug/l	
77) Bromobenzene	11.24	156	540964	152.585	ug/l	87
78) n-propylbenzene	11.35	91	2086732	127.126	ug/l	97
79) 2-Chlorotoluene	11.40	91	1248820	130.063	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1687825	139.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	228321	137.374	ug/l	95
82) 4-Chlorotoluene	11.49	91	1530549	133.060	ug/l	97
83) tert-Butylbenzene	11.76	119	1679136	141.734	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1662046	136.650	ug/l	97
85) sec-Butylbenzene	11.93	105	1912515	134.597	ug/l	98
86) p-Isopropyltoluene	12.05	119	1847836	140.925	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	998500	151.533	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1002392	147.541	ug/l	98
89) n-Butylbenzene	12.37	91	1636071	136.704	ug/l	98
90) Hexachloroethane	12.58	117	310372	148.013	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	987667	155.044	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152561	145.331	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	689271	157.848	ug/l	99
94) Hexachlorobutadiene	13.77	225	281269	151.219	ug/l	96
95) Naphthalene	13.82	128	2246756	154.563	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	676745	162.131	ug/l	98

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

