

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019807.D
 Acq On : 10 Dec 2020 03:48
 Operator : JC/MD
 Sample : L4993-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820MS

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:14 AM

Quant Time: Dec 10 07:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	443075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169871	48.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.22%
35) Dibromofluoromethane	5.46	113	138870	48.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.00%
50) Toluene-d8	8.70	98	531693	48.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.28%
62) 4-Bromofluorobenzene	11.12	95	198328	47.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126896	51.588	ug/l	99
3) Chloromethane	1.31	50	130834	45.226	ug/l	100
4) Vinyl Chloride	1.39	62	158369	51.919	ug/l	99
5) Bromomethane	1.62	94	48358	47.746	ug/l	99
6) Chloroethane	1.70	64	100720	54.968	ug/l	96
7) Trichlorofluoromethane	1.91	101	223082	52.515	ug/l	97
8) Diethyl Ether	2.17	74	92328	51.289	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131381	53.958	ug/l	99
10) Methyl Iodide	2.49	142	157059	43.761	ug/l	100
11) Tert butyl alcohol	3.01	59	177002	243.756	ug/l	100
12) 1,1-Dichloroethene	2.36	96	132174	53.694	ug/l	97
13) Acrolein	2.27	56	85421	219.157	ug/l	99
14) Allyl chloride	2.70	41	207199	49.838	ug/l	99
15) Acrylonitrile	3.11	53	438312	274.573	ug/l	100
16) Acetone	2.42	43	345997	260.683	ug/l	100
17) Carbon Disulfide	2.55	76	330671	46.816	ug/l	100
18) Methyl Acetate	2.75	43	168475	51.871	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	476957	53.203	ug/l	100
20) Methylene Chloride	2.83	84	159931	52.862	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	148399	51.709	ug/l	97
22) Diisopropyl ether	3.82	45	450746	53.623	ug/l	93
23) Vinyl Acetate	3.78	43	1750579	244.448	ug/l	100
24) 1,1-Dichloroethane	3.67	63	268038	52.879	ug/l	100
25) 2-Butanone	4.63	43	550496	269.919	ug/l	99
26) 2,2-Dichloropropane	4.55	77	175567	40.220	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172208	51.275	ug/l	98
28) Bromochloromethane	4.98	49	121275	50.188	ug/l	99
29) Tetrahydrofuran	5.09	42	355978	270.908	ug/l	100
30) Chloroform	5.17	83	275475	52.854	ug/l	99
31) Cyclohexane	5.54	56	225311	51.295	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	234754	52.301	ug/l	99
36) 1,1-Dichloropropene	5.76	75	198948	49.690	ug/l	99
37) Ethyl Acetate	4.79	43	193603	47.892	ug/l	100
38) Carbon Tetrachloride	5.75	117	201596	51.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	230609	49.024	ug/l	99
40) Benzene	6.11	78	625086	51.109	ug/l	100
41) Methacrylonitrile	5.00	41	117797	53.074	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216445	51.797	ug/l	100
43) Isopropyl Acetate	6.41	43	319974	48.686	ug/l	100
44) Trichloroethene	7.18	130	159428	49.682	ug/l	99
45) 1,2-Dichloropropane	7.49	63	158582	51.880	ug/l	98
46) Dibromomethane	7.63	93	107495	52.075	ug/l	99
47) Bromodichloromethane	7.87	83	214830	52.448	ug/l	98
48) Methyl methacrylate	7.74	41	169126	52.324	ug/l	99
49) 1,4-Dioxane	7.71	88	72979	932.026	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1072794	267.358	ug/l	100
52) Toluene	8.76	92	393523	51.445	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	224303	49.347	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	244195	49.451	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162482	52.710	ug/l	99
56) Ethyl methacrylate	9.16	69	246502	52.854	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272704	51.810	ug/l	99
59) 2-Hexanone	9.47	43	819397	263.449	ug/l	100
60) Dibromochloromethane	9.56	129	166496	53.162	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169405	51.753	ug/l	100
64) Tetrachloroethene	9.32	164	138783	50.934	ug/l	98
65) Chlorobenzene	10.12	112	409300	50.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	154112	52.896	ug/l	99
67) Ethyl Benzene	10.23	91	742800	51.697	ug/l	98
68) m/p-Xylenes	10.34	106	557345	102.941	ug/l	99
69) o-Xylene	10.68	106	270623	51.961	ug/l	99
70) Styrene	10.70	104	462221	52.580	ug/l	100
71) Bromoform	10.84	173	121755	53.122	ug/l	99
73) Isopropylbenzene	11.00	105	723377	52.405	ug/l	99
74) N-amyl acetate	10.88	43	260143	47.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	257797	52.973	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	236156m	52.114	ug/l	
77) Bromobenzene	11.24	156	182076	51.543	ug/l	98
78) n-propylbenzene	11.34	91	818976	51.947	ug/l	100
79) 2-Chlorotoluene	11.40	91	499929	51.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	606305	52.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	74856	47.754	ug/l	98
82) 4-Chlorotoluene	11.49	91	585848	51.522	ug/l	100
83) tert-Butylbenzene	11.76	119	589095	51.559	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	614980	52.405	ug/l	99
85) sec-Butylbenzene	11.93	105	678147	51.986	ug/l	100
86) p-Isopropyltoluene	12.05	119	620678	51.917	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	323798	49.942	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	325385	49.275	ug/l	100
89) n-Butylbenzene	12.37	91	534503	50.463	ug/l	99
90) Hexachloroethane	12.58	117	106236	51.470	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	320401	50.695	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55763	53.300	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	211592	51.430	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	86352	46.960	ug/l	99
95) Naphthalene	13.82	128	714267	53.551	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	205592	51.133	ug/l	100

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

