

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019718.D
 Acq On : 04 Dec 2020 15:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:55:43 AM

Quant Time: Dec 05 04:12:41 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	5.62	168	354128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	572267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	528725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	218609	46.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.94%
35) Dibromofluoromethane	5.46	113	177650	48.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.06%
50) Toluene-d8	8.70	98	690060	48.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.74%
62) 4-Bromofluorobenzene	11.12	95	269573	50.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	163175	50.329	ug/l	100
3) Chloromethane	1.31	50	171960	45.099	ug/l	100
4) Vinyl Chloride	1.39	62	198007	49.250	ug/l	100
5) Bromomethane	1.62	94	66062	49.486	ug/l	97
6) Chloroethane	1.70	64	123026	50.939	ug/l	98
7) Trichlorofluoromethane	1.91	101	275652	49.231	ug/l	98
8) Diethyl Ether	2.17	74	114836	48.398	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	159042	49.556	ug/l	99
10) Methyl Iodide	2.49	142	235772	49.841	ug/l	100
11) Tert butyl alcohol	3.01	59	232466	242.875	ug/l	100
12) 1,1-Dichloroethene	2.35	96	158330	48.798	ug/l	94
13) Acrolein	2.27	56	112468	218.918	ug/l	99
14) Allyl chloride	2.70	41	265551	48.460	ug/l	100
15) Acrylonitrile	3.11	53	500065	237.665	ug/l	99
16) Acetone	2.42	43	408425	233.462	ug/l	100
17) Carbon Disulfide	2.54	76	443071	47.592	ug/l	100
18) Methyl Acetate	2.75	43	205016	47.890	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	587085	49.685	ug/l	99
20) Methylene Chloride	2.83	84	194407	48.637	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	185914	49.148	ug/l	100
22) Diisopropyl ether	3.82	45	548312	49.490	ug/l	98
23) Vinyl Acetate	3.78	43	2374178	251.525	ug/l	99
24) 1,1-Dichloroethane	3.67	63	325852	48.772	ug/l	100
25) 2-Butanone	4.62	43	643639	239.434	ug/l	100
26) 2,2-Dichloropropane	4.54	77	287335	49.940	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	213875	48.314	ug/l	99
28) Bromochloromethane	4.97	49	155624	48.862	ug/l	99
29) Tetrahydrofuran	5.08	42	412512	238.177	ug/l	100
30) Chloroform	5.17	83	339887	49.476	ug/l	100
31) Cyclohexane	5.54	56	287396	49.640	ug/l	99
32) 1,1,1-Trichloroethane	5.45	97	291135	49.211	ug/l	100
36) 1,1-Dichloropropene	5.76	75	255871	49.480	ug/l	99
37) Ethyl Acetate	4.79	43	247737	47.448	ug/l	100
38) Carbon Tetrachloride	5.74	117	254431	50.244	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	308588	50.792	ug/l	97
40) Benzene	6.10	78	771183	48.820	ug/l	99
41) Methacrylonitrile	4.99	41	138811	48.422	ug/l	100
42) 1,2-Dichloroethane	6.15	62	264317	48.974	ug/l	100
43) Isopropyl Acetate	6.40	43	411612	48.490	ug/l	100
44) Trichloroethene	7.18	130	200465	48.367	ug/l	99
45) 1,2-Dichloropropane	7.48	63	193943	49.125	ug/l	99
46) Dibromomethane	7.63	93	131409	49.289	ug/l	100
47) Bromodichloromethane	7.87	83	264036	49.908	ug/l	99
48) Methyl methacrylate	7.74	41	204738	49.042	ug/l	100
49) 1,4-Dioxane	7.71	88	99451	983.372	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1281921	247.353	ug/l	100
52) Toluene	8.76	92	494167	50.018	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	300684	51.217	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	325953	51.106	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	197849	49.693	ug/l	98
56) Ethyl methacrylate	9.16	69	307939	51.121	ug/l	100
57) 1,3-Dichloropropane	9.35	76	331049	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804071	251.971	ug/l	100
59) 2-Hexanone	9.47	43	1011894	251.892	ug/l	99
60) Dibromochloromethane	9.56	129	206738	51.109	ug/l	100
61) 1,2-Dibromoethane	9.65	107	211114	49.935	ug/l	98
64) Tetrachloroethene	9.32	164	174029	49.081	ug/l	96
65) Chlorobenzene	10.12	112	516448	49.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	189832	50.070	ug/l	98
67) Ethyl Benzene	10.23	91	950487	50.834	ug/l	100
68) m/p-Xylenes	10.34	106	717282	101.806	ug/l	100
69) o-Xylene	10.68	106	345325	50.952	ug/l	98
70) Styrene	10.70	104	598222	52.294	ug/l	99
71) Bromoform	10.84	173	158374	53.100	ug/l	99
73) Isopropylbenzene	11.00	105	923522	49.763	ug/l	99
74) N-amyl acetate	10.88	43	374105	50.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	313112	47.855	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296348m	48.642	ug/l	
77) Bromobenzene	11.24	156	229233	48.267	ug/l	99
78) n-propylbenzene	11.34	91	1069601	50.462	ug/l	100
79) 2-Chlorotoluene	11.40	91	641180	49.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	791540	50.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109837	52.117	ug/l	99
82) 4-Chlorotoluene	11.49	91	761595	49.818	ug/l	99
83) tert-Butylbenzene	11.76	119	777616	50.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	811363	51.426	ug/l	100
85) sec-Butylbenzene	11.93	105	892512	50.890	ug/l	100
86) p-Isopropyltoluene	12.05	119	837117	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	426676	48.949	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	435138	49.012	ug/l	100
89) n-Butylbenzene	12.37	91	743047	52.179	ug/l	100
90) Hexachloroethane	12.58	117	140494	50.629	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	421307	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68065	48.391	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278560	50.361	ug/l	99
94) Hexachlorobutadiene	13.76	225	121805	49.269	ug/l	99
95) Naphthalene	13.82	128	922186	51.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271307	50.189	ug/l	99

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

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