

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019713.D
 Acq On : 04 Dec 2020 12:24
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:23 AM

Quant Time: Dec 04 13:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	338377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	553084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	508281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211211	47.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.22%
35) Dibromofluoromethane	5.46	113	173168	47.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.60%
50) Toluene-d8	8.70	98	672250	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	11.12	95	255832	48.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	165058	49.897	ug/l	100
3) Chloromethane	1.31	50	176935	38.939	ug/l	100
4) Vinyl Chloride	1.39	62	198157	48.467	ug/l	100
5) Bromomethane	1.62	94	65117	44.592	ug/l	100
6) Chloroethane	1.70	64	121293	23.321	ug/l	100
7) Trichlorofluoromethane	1.91	101	272404	48.219	ug/l	100
8) Diethyl Ether	2.17	74	112606	47.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156598	46.710	ug/l	100
10) Methyl Iodide	2.49	142	230193	50.104	ug/l	100
11) Tert butyl alcohol	3.01	59	224805	226.070	ug/l	100
12) 1,1-Dichloroethene	2.36	96	158214	47.085	ug/l	100
13) Acrolein	2.27	56	116953	204.576	ug/l	100
14) Allyl chloride	2.70	41	262575	48.602	ug/l	100
15) Acrylonitrile	3.11	53	500992	241.053	ug/l	100
16) Acetone	2.42	43	422382	233.831	ug/l	100
17) Carbon Disulfide	2.55	76	443976	48.711	ug/l	100
18) Methyl Acetate	2.75	43	208022	45.844	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	576635	48.675	ug/l	100
20) Methylene Chloride	2.83	84	197586	42.815	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	183954	48.449	ug/l	100
22) Diisopropyl ether	3.82	45	541751	48.429	ug/l	100
23) Vinyl Acetate	3.78	43	2337648	248.171	ug/l	100
24) 1,1-Dichloroethane	3.67	63	322292	47.557	ug/l	100
25) 2-Butanone	4.62	43	645351	241.729	ug/l	100
26) 2,2-Dichloropropane	4.54	77	279778	49.457	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	210800	47.657	ug/l	100
28) Bromochloromethane	4.97	49	153315	49.632	ug/l	100
29) Tetrahydrofuran	5.08	42	413225	242.023	ug/l	100
30) Chloroform	5.17	83	332439	47.754	ug/l	100
31) Cyclohexane	5.54	56	286664	48.384	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	290064	48.804	ug/l	100
36) 1,1-Dichloropropene	5.76	75	249647	48.820	ug/l	100
37) Ethyl Acetate	4.79	43	245895	48.015	ug/l	100
38) Carbon Tetrachloride	5.75	117	251115	49.453	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302764	50.376	ug/l	100
40) Benzene	6.10	78	764149	47.920	ug/l	100
41) Methacrylonitrile	5.00	41	137813	48.625	ug/l	100
42) 1,2-Dichloroethane	6.15	62	263285	48.061	ug/l	100
43) Isopropyl Acetate	6.40	43	405198	47.792	ug/l	100
44) Trichloroethene	7.18	130	201409	48.358	ug/l	100
45) 1,2-Dichloropropane	7.48	63	190816	47.577	ug/l	100
46) Dibromomethane	7.63	93	130130	48.372	ug/l	100
47) Bromodichloromethane	7.87	83	261865	49.108	ug/l	100
48) Methyl methacrylate	7.74	41	202355	48.288	ug/l	100
49) 1,4-Dioxane	7.71	88	97682	1014.070	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1256436	242.594	ug/l	100
52) Toluene	8.76	92	483095	48.658	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	296913	50.777	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	320380	50.126	ug/l	100
55) 1,1,2-Trichloroethane	9.19	97	193682	48.237	ug/l	100
56) Ethyl methacrylate	9.15	69	301359	49.967	ug/l	100
57) 1,3-Dichloropropane	9.35	76	327076	48.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	775046	245.284	ug/l	100
59) 2-Hexanone	9.47	43	981469	250.512	ug/l	100
60) Dibromochloromethane	9.56	129	203103	49.247	ug/l	100
61) 1,2-Dibromoethane	9.65	107	203813	48.324	ug/l	100
64) Tetrachloroethene	9.32	164	172505	49.148	ug/l	100
65) Chlorobenzene	10.12	112	511766	48.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	187694	49.015	ug/l	100
67) Ethyl Benzene	10.23	91	925420	49.793	ug/l	100
68) m/p-Xylenes	10.34	106	700411	100.775	ug/l	100
69) o-Xylene	10.68	106	336704	49.905	ug/l	100
70) Styrene	10.70	104	582034	51.433	ug/l	100
71) Bromoform	10.84	173	153728	51.879	ug/l #	100
73) Isopropylbenzene	11.00	105	901657	49.266	ug/l	100
74) N-amyl acetate	10.88	43	367128	49.963	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	314794	47.499	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	293841m	48.786	ug/l	
77) Bromobenzene	11.24	156	225051	47.451	ug/l	100
78) n-propylbenzene	11.34	91	1045725	49.561	ug/l	100
79) 2-Chlorotoluene	11.40	91	629619	49.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	782858	50.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	105818	49.142	ug/l	100
82) 4-Chlorotoluene	11.49	91	737521	49.300	ug/l	100
83) tert-Butylbenzene	11.76	119	760038	49.595	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	792048	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	876315	50.348	ug/l	100
86) p-Isopropyltoluene	12.05	119	812268	50.574	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	423887	49.120	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	425511	48.270	ug/l	100
89) n-Butylbenzene	12.37	91	717826	51.006	ug/l	100
90) Hexachloroethane	12.58	117	136485	49.977	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	415677	49.203	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67280	48.062	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	275889	50.389	ug/l	100
94) Hexachlorobutadiene	13.76	225	116574	50.179	ug/l	100
95) Naphthalene	13.82	128	901104	50.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	269343	49.592	ug/l	100

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

