

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017966.D
 Acq On : 18 Aug 2020 18:58
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 8:53:44 AM

Quant Time: Aug 19 03:10:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 02:55:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	433620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	658457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	672370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	344302	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	300024	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
35) Dibromofluoromethane	5.47	113	231340	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.70	98	824416	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	311737	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	323177	65.516	ug/l	100
3) Chloromethane	1.32	50	312372	52.921	ug/l	100
4) Vinyl Chloride	1.39	62	304015	54.221	ug/l	100
5) Bromomethane	1.62	94	176538	54.414	ug/l	100
6) Chloroethane	1.71	64	172051	51.382	ug/l	100
7) Trichlorofluoromethane	1.91	101	471771	53.548	ug/l	100
8) Diethyl Ether	2.17	74	130977	42.986	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	214508	46.074	ug/l	100
10) Methyl Iodide	2.49	142	299355	50.303	ug/l	100
11) Tert butyl alcohol	3.03	59	300255	258.908	ug/l	100
12) 1,1-Dichloroethene	2.35	96	192019	43.841	ug/l	100
13) Acrolein	2.28	56	164447	216.197	ug/l	100
14) Allyl chloride	2.71	41	334284	42.373	ug/l	100
15) Acrylonitrile	3.12	53	666455	264.295	ug/l	100
16) Acetone	2.42	43	636975	258.958	ug/l	100
17) Carbon Disulfide	2.55	76	499444	38.198	ug/l	100
18) Methyl Acetate	2.75	43	309889	53.637	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	748027	48.754	ug/l	100
20) Methylene Chloride	2.84	84	214348	40.705	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	197118	42.296	ug/l	100
22) Diisopropyl ether	3.83	45	733043	48.913	ug/l	100
23) Vinyl Acetate	3.79	43	2737982	212.232	ug/l	100
24) 1,1-Dichloroethane	3.67	63	395334	46.075	ug/l	100
25) 2-Butanone	4.64	43	955929	271.489	ug/l	100
26) 2,2-Dichloropropane	4.55	77	371073	48.069	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	238265	46.058	ug/l	100
28) Bromochloromethane	4.98	49	201039	50.904	ug/l	100
29) Tetrahydrofuran	5.10	42	625712	285.620	ug/l	100
30) Chloroform	5.18	83	432362	48.905	ug/l	100
31) Cyclohexane	5.55	56	358335	51.337	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	401091	48.260	ug/l	100
36) 1,1-Dichloropropene	5.77	75	291330	46.446	ug/l	100
37) Ethyl Acetate	4.80	43	326088	48.315	ug/l	100
38) Carbon Tetrachloride	5.76	117	373289	48.502	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	351727	47.519	ug/l	100
40) Benzene	6.12	78	846585	47.208	ug/l	100
41) Methacrylonitrile	5.01	41	192860	48.901	ug/l	100
42) 1,2-Dichloroethane	6.17	62	354368	48.166	ug/l	100
43) Isopropyl Acetate	6.42	43	538075	48.724	ug/l	100
44) Trichloroethene	7.19	130	252920	47.929	ug/l	100
45) 1,2-Dichloropropane	7.49	63	235354	46.689	ug/l	100
46) Dibromomethane	7.64	93	164834	46.368	ug/l	100
47) Bromodichloromethane	7.88	83	389774	53.456	ug/l	100
48) Methyl methacrylate	7.75	41	287118	50.549	ug/l	100
49) 1,4-Dioxane	7.72	88	110955	1015.442	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1861436	272.534	ug/l	100
52) Toluene	8.77	92	550738	47.588	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	383689	48.612	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	385270	47.627	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	254101	52.303	ug/l	100
56) Ethyl methacrylate	9.16	69	374155	51.800	ug/l	100
57) 1,3-Dichloropropane	9.35	76	412037	51.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	863404	230.987	ug/l	100
59) 2-Hexanone	9.48	43	1413748	276.561	ug/l	100
60) Dibromochloromethane	9.57	129	311716	50.774	ug/l	100
61) 1,2-Dibromoethane	9.65	107	294444	56.441	ug/l	100
64) Tetrachloroethene	9.32	164	249011	42.234	ug/l	100
65) Chlorobenzene	10.12	112	669799	46.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	277577	47.605	ug/l	100
67) Ethyl Benzene	10.24	91	1095405	45.876	ug/l	100
68) m/p-Xylenes	10.34	106	826774	90.057	ug/l	100
69) o-Xylene	10.68	106	408259	46.028	ug/l	100
70) Styrene	10.69	104	733377	48.491	ug/l	100
71) Bromoform	10.84	173	250424	49.731	ug/l	100
73) Isopropylbenzene	11.01	105	1163004	49.499	ug/l	100
74) N-amyl acetate	10.88	43	516786	50.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	385988	51.671	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	368540m	51.942	ug/l	
77) Bromobenzene	11.24	156	320637	48.785	ug/l	100
78) n-propylbenzene	11.35	91	1338500	50.285	ug/l	100
79) 2-Chlorotoluene	11.41	91	808790	49.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1001311	50.067	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	145474	51.609	ug/l	100
82) 4-Chlorotoluene	11.49	91	932310	48.352	ug/l	100
83) tert-Butylbenzene	11.76	119	937866	49.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1112632	55.049	ug/l	100
85) sec-Butylbenzene	11.93	105	1137117	50.820	ug/l	100
86) p-Isopropyltoluene	12.05	119	1068441	50.287	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	542281	48.318	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	552809	47.422	ug/l	100
89) n-Butylbenzene	12.37	91	889238	47.275	ug/l	100
90) Hexachloroethane	12.58	117	208197	49.464	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	525188	47.393	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	99601	48.930	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	339814	45.872	ug/l	100
94) Hexachlorobutadiene	13.77	225	153359	45.062	ug/l	100
95) Naphthalene	13.82	128	1141972	51.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	367154	49.609	ug/l	100

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

