

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081519\
 Data File : VX011566.D
 Acq On : 15 Aug 2019 18:51
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:29:30 AM

Quant Time: Aug 16 04:04:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 03:49:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	406326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	556557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	174076	41.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.16%	
35) Dibromofluoromethane	5.49	113	168818	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.71	98	540588	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
62) 4-Bromofluorobenzene	11.13	95	222216	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	220733	57.923	ug/l	100
3) Chloromethane	1.32	50	197771	52.407	ug/l	100
4) Vinyl Chloride	1.40	62	188607	49.861	ug/l	100
5) Bromomethane	1.63	94	82549	39.802	ug/l	100
6) Chloroethane	1.71	64	91463	39.696	ug/l	100
7) Trichlorofluoromethane	1.92	101	258571	41.471	ug/l	100
8) Diethyl Ether	2.18	74	88435	40.950	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	175416	47.813	ug/l	100
10) Methyl Iodide	2.50	142	264728	54.346	ug/l	100
11) Tert butyl alcohol	3.04	59	232784	231.501	ug/l	100
12) 1,1-Dichloroethene	2.36	96	169011	47.270	ug/l	100
13) Acrolein	2.29	56	65998	126.481	ug/l	100
14) Allyl chloride	2.72	41	290838	54.279	ug/l	100
15) Acrylonitrile	3.14	53	540865	261.883	ug/l	100
16) Acetone	2.43	43	467041	240.180	ug/l	100
17) Carbon Disulfide	2.56	76	405374	44.686	ug/l	100
18) Methyl Acetate	2.76	43	302642	63.353	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	573649	49.074	ug/l	100
20) Methylene Chloride	2.85	84	189737	46.151	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	182452	47.799	ug/l	100
22) Diisopropyl ether	3.85	45	585010	52.001	ug/l	100
23) Vinyl Acetate	3.81	43	2364328	252.240	ug/l	100
24) 1,1-Dichloroethane	3.69	63	320683	49.511	ug/l	100
25) 2-Butanone	4.67	43	760912	267.675	ug/l	100
26) 2,2-Dichloropropane	4.58	77	244372	46.672	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	212349	47.798	ug/l	100
28) Bromochloromethane	5.01	49	143043	47.204	ug/l	100
29) Tetrahydrofuran	5.12	42	501834	275.926	ug/l	100
30) Chloroform	5.20	83	338028	48.410	ug/l	100
31) Cyclohexane	5.57	56	284003	48.389	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	300973	49.901	ug/l	100
36) 1,1-Dichloropropene	5.79	75	241217	52.172	ug/l	100
37) Ethyl Acetate	4.82	43	280835	58.302	ug/l	100
38) Carbon Tetrachloride	5.78	117	267616	55.089	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	297555	50.044	ug/l	100
40) Benzene	6.14	78	742058	52.365	ug/l	100
41) Methacrylonitrile	5.03	41	157431	56.899	ug/l	100
42) 1,2-Dichloroethane	6.18	62	262163	52.786	ug/l	100
43) Isopropyl Acetate	6.44	43	434519	55.190	ug/l	100
44) Trichloroethene	7.21	130	219236	52.199	ug/l	100
45) 1,2-Dichloropropane	7.51	63	190493	52.627	ug/l	100
46) Dibromomethane	7.66	93	131204	51.191	ug/l	100
47) Bromodichloromethane	7.90	83	253311	54.918	ug/l	100
48) Methyl methacrylate	7.76	41	221998	57.281	ug/l	100
49) 1,4-Dioxane	7.74	88	113503	1063.837	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1461949	285.280	ug/l	100
52) Toluene	8.78	92	476077	51.353	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	274369	55.503	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	300507	54.789	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	199453	52.045	ug/l	100
56) Ethyl methacrylate	9.18	69	310045	55.206	ug/l	100
57) 1,3-Dichloropropane	9.37	76	320964	52.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	760088	281.568	ug/l	100
59) 2-Hexanone	9.49	43	1142255	288.300	ug/l	100
60) Dibromochloromethane	9.58	129	228907	58.391	ug/l	100
61) 1,2-Dibromoethane	9.67	107	218099	53.566	ug/l	100
64) Tetrachloroethene	9.34	164	208551	51.361	ug/l	100
65) Chlorobenzene	10.13	112	546488	51.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	210356	56.112	ug/l	100
67) Ethyl Benzene	10.25	91	919713	51.336	ug/l	100
68) m/p-Xylenes	10.35	106	720631	104.488	ug/l	100
69) o-Xylene	10.69	106	345913	51.564	ug/l	100
70) Styrene	10.71	104	602436	53.730	ug/l	100
71) Bromoform	10.85	173	182134	60.217	ug/l	100
73) Isopropylbenzene	11.02	105	930969	48.604	ug/l	100
74) N-amyl acetate	10.90	43	394008	53.365	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	315759	50.202	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	273957m	52.913	ug/l	
77) Bromobenzene	11.25	156	274222	51.285	ug/l	100
78) n-propylbenzene	11.36	91	1027984	48.771	ug/l	100
79) 2-Chlorotoluene	11.42	91	624444	49.084	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	796486	49.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	94940	51.025	ug/l	100
82) 4-Chlorotoluene	11.51	91	719228	48.679	ug/l	100
83) tert-Butylbenzene	11.77	119	809237	51.179	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	808455	50.080	ug/l	100
85) sec-Butylbenzene	11.94	105	914175	49.740	ug/l	100
86) p-Isopropyltoluene	12.06	119	877607	51.367	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	473786	51.233	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	474726	50.165	ug/l	100
89) n-Butylbenzene	12.38	91	721353	49.827	ug/l	100
90) Hexachloroethane	12.59	117	136576	50.877	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	473953	51.673	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72126	54.294	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	362729	57.298	ug/l	100
94) Hexachlorobutadiene	13.78	225	194798	60.863	ug/l	100
95) Naphthalene	13.83	128	1062085	57.128	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	366659	57.983	ug/l	100

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

