

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016842.D
 Acq On : 18 Jun 2020 12:10
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:49:45 PM

Quant Time: Jun 18 12:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	257771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	384595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	360346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	291976	95.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.20%	
35) Dibromofluoromethane	5.47	113	245277	102.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.40%	
50) Toluene-d8	8.70	98	1104880	124.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.68%	
62) 4-Bromofluorobenzene	11.12	95	370823	109.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	219.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	362784	134.574	ug/l	99
3) Chloromethane	1.31	50	323893	113.118	ug/l	98
4) Vinyl Chloride	1.39	62	360434	114.479	ug/l	98
5) Bromomethane	1.62	94	184392	93.598	ug/l	97
6) Chloroethane	1.70	64	223788	116.706	ug/l	100
7) Trichlorofluoromethane	1.91	101	516416	116.045	ug/l	98
8) Diethyl Ether	2.17	74	188528	103.506	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	286177	125.835	ug/l	98
10) Methyl Iodide	2.49	142	292387	106.212	ug/l	99
11) Tert butyl alcohol	3.02	59	263304	378.127	ug/l	100
12) 1,1-Dichloroethene	2.35	96	292981	113.126	ug/l	98
13) Acrolein	2.27	56	160075	479.488	ug/l	100
14) Allyl chloride	2.70	41	368976	93.903	ug/l	99
15) Acrylonitrile	3.12	53	607675	419.843	ug/l	99
16) Acetone	2.42	43	498636	387.758	ug/l	99
17) Carbon Disulfide	2.55	76	683706	94.843	ug/l	98
18) Methyl Acetate	2.75	43	293786	85.600	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	806454	94.082	ug/l	98
20) Methylene Chloride	2.83	84	258896	91.354	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	258704	95.340	ug/l	98
22) Diisopropyl ether	3.82	45	703248	95.049	ug/l	97
23) Vinyl Acetate	3.79	43	2961290	464.597	ug/l	99
24) 1,1-Dichloroethane	3.67	63	432901	93.445	ug/l	99
25) 2-Butanone	4.64	43	775533	401.356	ug/l	100
26) 2,2-Dichloropropane	4.55	77	406477	94.787	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	292083	94.111	ug/l	100
28) Bromochloromethane	4.98	49	175149	88.851	ug/l	98
29) Tetrahydrofuran	5.09	42	501774	401.235	ug/l	100
30) Chloroform	5.18	83	462061	94.297	ug/l	96
31) Cyclohexane	5.55	56	391829	112.075	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	435603	97.975	ug/l	99
36) 1,1-Dichloropropene	5.77	75	354306	104.464	ug/l	99
37) Ethyl Acetate	4.79	43	310743	85.320	ug/l	100
38) Carbon Tetrachloride	5.76	117	402173	104.418	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	421233	114.678	ug/l	96
40) Benzene	6.11	78	1034670	100.064	ug/l	100
41) Methacrylonitrile	5.00	41	174765	89.509	ug/l	99
42) 1,2-Dichloroethane	6.16	62	366930	97.274	ug/l	100
43) Isopropyl Acetate	6.41	43	534635	91.664	ug/l	99
44) Trichloroethene	7.19	130	308701	93.630	ug/l	100
45) 1,2-Dichloropropane	7.49	63	272100	106.639	ug/l	98
46) Dibromomethane	7.64	93	181088	98.154	ug/l	98
47) Bromodichloromethane	7.88	83	378917	98.595	ug/l	99
48) Methyl methacrylate	7.74	41	259846	95.047	ug/l	98
49) 1,4-Dioxane	7.71	88	122141	1822.407	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2042991	576.733	ug/l	100
52) Toluene	8.77	92	791839	117.696	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	465858	107.599	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	456366	100.672	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	271156	99.288	ug/l	98
56) Ethyl methacrylate	9.16	69	425140	103.709	ug/l	100
57) 1,3-Dichloropropane	9.35	76	434900	94.475	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	982502	498.588	ug/l	100
59) 2-Hexanone	9.48	43	1184585	435.727	ug/l	99
60) Dibromochloromethane	9.57	129	324363	100.371	ug/l	99
61) 1,2-Dibromoethane	9.65	107	286195	97.216	ug/l	99
64) Tetrachloroethene	9.32	164	318965	93.298	ug/l	98
65) Chlorobenzene	10.12	112	739495	101.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	293191	101.994	ug/l	99
67) Ethyl Benzene	10.24	91	1304777	106.855	ug/l	100
68) m/p-Xylenes	10.34	106	1006622	218.180	ug/l	99
69) o-Xylene	10.68	106	483384	109.025	ug/l	99
70) Styrene	10.70	104	856373	111.795	ug/l	100
71) Bromoform	10.84	173	274240	112.493	ug/l #	99
73) Isopropylbenzene	11.01	105	1314121	92.022	ug/l	100
74) N-amyl acetate	10.88	43	500056	91.169	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	348374	83.338	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	344041m	76.197	ug/l	
77) Bromobenzene	11.24	156	351231	87.072	ug/l	100
78) n-propylbenzene	11.35	91	1494937	95.877	ug/l	100
79) 2-Chlorotoluene	11.41	91	897333	91.199	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1184684	98.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	144984	81.404	ug/l	98
82) 4-Chlorotoluene	11.49	91	1108851	95.856	ug/l	100
83) tert-Butylbenzene	11.76	119	1325522	119.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1428794	117.327	ug/l	99
85) sec-Butylbenzene	11.93	105	1534230	119.016	ug/l	99
86) p-Isopropyltoluene	12.05	119	1376970	111.068	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	701924	102.222	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	701264	98.956	ug/l	99
89) n-Butylbenzene	12.37	91	1241968	120.911	ug/l	100
90) Hexachloroethane	12.58	117	219714	95.403	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	693306	101.765	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87866	76.150	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	436360	89.772	ug/l	100
94) Hexachlorobutadiene	13.77	225	194856	89.699	ug/l	98
95) Naphthalene	13.82	128	1327371	89.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	421045	87.150	ug/l	97

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

