

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011719.D
 Acq On : 21 Aug 2019 05:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:31 AM

Quant Time: Aug 21 06:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	286808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	435415	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	142378	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	5.49	113	126915	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
50) Toluene-d8	8.71	98	401027	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	11.13	95	175992	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160311	56.865	ug/l	99
3) Chloromethane	1.32	50	132512	45.256	ug/l	99
4) Vinyl Chloride	1.40	62	125724	47.532	ug/l	100
5) Bromomethane	1.63	94	64412	54.348	ug/l	99
6) Chloroethane	1.71	64	71517	57.129	ug/l	98
7) Trichlorofluoromethane	1.92	101	207992	56.772	ug/l	100
8) Diethyl Ether	2.18	74	70439	56.049	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133344	52.695	ug/l	99
10) Methyl Iodide	2.50	142	181410	50.324	ug/l	99
11) Tert butyl alcohol	3.04	59	179172	274.586	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129990	53.155	ug/l	98
13) Acrolein	2.29	56	52566	261.237	ug/l	98
14) Allyl chloride	2.72	41	204466	50.261	ug/l	98
15) Acrylonitrile	3.14	53	410321	274.753	ug/l	100
16) Acetone	2.43	43	361756	270.496	ug/l	99
17) Carbon Disulfide	2.56	76	280747	48.720	ug/l	100
18) Methyl Acetate	2.76	43	242303	58.419	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	457479	57.439	ug/l	97
20) Methylene Chloride	2.85	84	146116	52.035	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	140213	54.105	ug/l	98
22) Diisopropyl ether	3.85	45	427146	52.724	ug/l	99
23) Vinyl Acetate	3.81	43	1738436	270.981	ug/l	100
24) 1,1-Dichloroethane	3.69	63	246800	53.881	ug/l	99
25) 2-Butanone	4.67	43	514029	244.825	ug/l	99
26) 2,2-Dichloropropane	4.57	77	114914	33.333	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	147584	48.852	ug/l	98
28) Bromochloromethane	5.01	49	100402	49.932	ug/l	100
29) Tetrahydrofuran	5.12	42	345780	251.064	ug/l	97
30) Chloroform	5.20	83	258767	53.530	ug/l	98
31) Cyclohexane	5.57	56	199481	50.582	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	231438	55.680	ug/l	99
36) 1,1-Dichloropropene	5.79	75	181996	48.888	ug/l	98
37) Ethyl Acetate	4.82	43	193398	45.167	ug/l	99
38) Carbon Tetrachloride	5.78	117	204700	49.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214833	46.730	ug/l	97
40) Benzene	6.13	78	553864	47.876	ug/l	100
41) Methacrylonitrile	5.03	41	111609	47.360	ug/l	98
42) 1,2-Dichloroethane	6.18	62	212117	52.921	ug/l	99
43) Isopropyl Acetate	6.44	43	335650	50.229	ug/l	100
44) Trichloroethene	7.21	130	167436	48.788	ug/l	98
45) 1,2-Dichloropropane	7.51	63	146308	50.711	ug/l	99
46) Dibromomethane	7.65	93	103938	49.574	ug/l	98
47) Bromodichloromethane	7.89	83	197204	51.227	ug/l	99
48) Methyl methacrylate	7.76	41	169151	51.116	ug/l	98
49) 1,4-Dioxane	7.74	88	86055	977.710	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1086148	248.326	ug/l	99
52) Toluene	8.78	92	345793	46.917	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	193940	48.542	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204249	46.714	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	158309	50.510	ug/l	99
56) Ethyl methacrylate	9.18	69	233542	51.267	ug/l	98
57) 1,3-Dichloropropane	9.37	76	248880	49.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	539770	237.806	ug/l	98
59) 2-Hexanone	9.49	43	837400	248.270	ug/l	99
60) Dibromochloromethane	9.58	129	174910	53.562	ug/l	99
61) 1,2-Dibromoethane	9.67	107	168450	50.359	ug/l	99
64) Tetrachloroethene	9.34	164	163376	50.545	ug/l	97
65) Chlorobenzene	10.13	112	421355	50.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	163788	52.152	ug/l	100
67) Ethyl Benzene	10.25	91	713051	50.848	ug/l	99
68) m/p-Xylenes	10.35	106	554354	102.985	ug/l	98
69) o-Xylene	10.69	106	269429	51.099	ug/l	100
70) Styrene	10.71	104	465830	52.481	ug/l	99
71) Bromoform	10.85	173	140843	46.402	ug/l #	99
73) Isopropylbenzene	11.02	105	728363	53.656	ug/l	100
74) N-amyl acetate	10.90	43	298055	51.667	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	243388	52.120	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	209931m	52.920	ug/l	
77) Bromobenzene	11.25	156	213471	52.856	ug/l	100
78) n-propylbenzene	11.35	91	793733	54.225	ug/l	100
79) 2-Chlorotoluene	11.42	91	482615	53.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	622196	54.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61437	42.676	ug/l	97
82) 4-Chlorotoluene	11.51	91	560087	53.711	ug/l	99
83) tert-Butylbenzene	11.77	119	619229	53.317	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	576031	50.317	ug/l	98
85) sec-Butylbenzene	11.94	105	686103	52.361	ug/l	100
86) p-Isopropyltoluene	12.06	119	647180	52.500	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	345616	49.786	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337696	47.996	ug/l	99
89) n-Butylbenzene	12.38	91	529390	52.236	ug/l	99
90) Hexachloroethane	12.59	117	97359	50.014	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	355234	50.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53275	49.867	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	243268	46.852	ug/l	98
94) Hexachlorobutadiene	13.78	225	131645	46.562	ug/l	99
95) Naphthalene	13.83	128	782167	53.286	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	268128	51.198	ug/l	99

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

