

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011446.D
 Acq On : 11 Aug 2019 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 10:29:56 AM

Quant Time: Aug 12 08:03:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	163274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99926	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	5.49	113	86627	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.71	98	320228	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	124245	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	60739	48.166	ug/l	98
3) Chloromethane	1.32	50	65224	46.059	ug/l	100
4) Vinyl Chloride	1.40	62	70906	45.520	ug/l	100
5) Bromomethane	1.63	94	45136	40.629	ug/l	99
6) Chloroethane	1.71	64	47739	49.476	ug/l	99
7) Trichlorofluoromethane	1.92	101	133386	48.160	ug/l	98
8) Diethyl Ether	2.18	74	45530	46.038	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75046	50.077	ug/l	98
10) Methyl Iodide	2.50	142	100463	53.173	ug/l	98
11) Tert butyl alcohol	3.04	59	91348	278.602	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72384	48.726	ug/l	86
13) Acrolein	2.29	56	30923	151.594	ug/l	99
14) Allyl chloride	2.72	41	111640	56.372	ug/l	97
15) Acrylonitrile	3.14	53	214015	273.528	ug/l	98
16) Acetone	2.43	43	186413	238.187	ug/l	97
17) Carbon Disulfide	2.56	76	164983	47.327	ug/l	100
18) Methyl Acetate	2.76	43	104891	58.646	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	251686	57.492	ug/l	99
20) Methylene Chloride	2.85	84	85205	49.711	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	78289	49.820	ug/l	90
22) Diisopropyl ether	3.85	45	243446	55.931	ug/l	98
23) Vinyl Acetate	3.81	43	1049488	290.710	ug/l	98
24) 1,1-Dichloroethane	3.69	63	140721	54.829	ug/l	98
25) 2-Butanone	4.67	43	302316	271.550	ug/l	98
26) 2,2-Dichloropropane	4.58	77	89870	45.045	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	92966	51.362	ug/l	98
28) Bromochloromethane	5.01	49	65585	56.053	ug/l	96
29) Tetrahydrofuran	5.12	42	191375	280.355	ug/l	98
30) Chloroform	5.20	83	155137	55.615	ug/l	96
31) Cyclohexane	5.57	56	108706	51.338	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137958	57.733	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108256	50.446	ug/l	99
37) Ethyl Acetate	4.82	43	115506	53.659	ug/l	98
38) Carbon Tetrachloride	5.78	117	121236	56.153	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117324	46.123	ug/l	97
40) Benzene	6.13	78	327191	51.093	ug/l	96
41) Methacrylonitrile	5.03	41	62681	53.318	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124074	57.297	ug/l	97
43) Isopropyl Acetate	6.44	43	186881	54.302	ug/l	99
44) Trichloroethene	7.21	130	96059	49.557	ug/l	94
45) 1,2-Dichloropropane	7.51	63	85687	51.666	ug/l	99
46) Dibromomethane	7.66	93	63234	52.229	ug/l	95
47) Bromodichloromethane	7.90	83	118573	57.845	ug/l	97
48) Methyl methacrylate	7.77	41	94114	58.109	ug/l	97
49) 1,4-Dioxane	7.73	88	44122	939.681	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	627287	282.432	ug/l	99
52) Toluene	8.78	92	218606	51.631	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	121166	50.713	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	131044	54.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94439	54.249	ug/l	100
56) Ethyl methacrylate	9.18	69	142103	57.281	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148348	53.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	324724	266.214	ug/l	100
59) 2-Hexanone	9.49	43	480988	279.592	ug/l	98
60) Dibromochloromethane	9.58	129	103522	58.084	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100545	53.459	ug/l	99
64) Tetrachloroethene	9.34	164	93876	47.461	ug/l	96
65) Chlorobenzene	10.13	112	249478	49.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95440	55.824	ug/l	99
67) Ethyl Benzene	10.25	91	434055	51.899	ug/l	99
68) m/p-Xylenes	10.35	106	334988	103.552	ug/l	98
69) o-Xylene	10.69	106	162060	50.986	ug/l	97
70) Styrene	10.71	104	281572	53.538	ug/l	98
71) Bromoform	10.85	173	78141	51.054	ug/l #	99
73) Isopropylbenzene	11.02	105	441643	51.335	ug/l	100
74) N-amyl acetate	10.90	43	171677	55.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145219	50.652	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124945m	54.542	ug/l	
77) Bromobenzene	11.25	156	120037	50.317	ug/l	96
78) n-propylbenzene	11.36	91	493323	51.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	293766	51.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	374774	52.039	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	39176	46.058	ug/l	95
82) 4-Chlorotoluene	11.51	91	346580	52.151	ug/l	97
83) tert-Butylbenzene	11.77	119	371819	52.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	377145	52.598	ug/l	99
85) sec-Butylbenzene	11.94	105	430741	50.757	ug/l	99
86) p-Isopropyltoluene	12.06	119	401200	51.389	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212624	50.442	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212537	48.898	ug/l	98
89) n-Butylbenzene	12.38	91	335554	49.888	ug/l	98
90) Hexachloroethane	12.60	117	64626	55.990	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	211042	49.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31236	56.234	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141135	50.248	ug/l	99
94) Hexachlorobutadiene	13.78	225	69812	48.989	ug/l	98
95) Naphthalene	13.83	128	446794	54.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145823	51.068	ug/l	100

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

