

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010025.D
 Acq On : 03 Jun 2019 10:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:12 AM

Quant Time: Jun 04 03:59:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	260777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111127	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
35) Dibromofluoromethane	5.49	113	82078	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.71	98	334781	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	125238	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116621	55.471	ug/l	99
3) Chloromethane	1.32	50	121141	42.861	ug/l	100
4) Vinyl Chloride	1.41	62	115472	45.321	ug/l	99
5) Bromomethane	1.64	94	65026	42.123	ug/l	100
6) Chloroethane	1.71	64	69199	44.120	ug/l	99
7) Trichlorofluoromethane	1.92	101	137325	48.774	ug/l	98
8) Diethyl Ether	2.18	74	58204	43.991	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85404	50.242	ug/l	97
10) Methyl Iodide	2.51	142	84956	41.259	ug/l	100
11) Tert butyl alcohol	3.05	59	131323	219.569	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84215	48.334	ug/l	95
13) Acrolein	2.29	56	101913	241.201	ug/l	99
14) Allyl chloride	2.73	41	205649	48.562	ug/l	99
15) Acrylonitrile	3.14	53	324868	225.431	ug/l	99
16) Acetone	2.45	43	349190	248.681	ug/l	98
17) Carbon Disulfide	2.57	76	250915	47.578	ug/l	99
18) Methyl Acetate	2.77	43	152114	46.556	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	321038	48.804	ug/l	99
20) Methylene Chloride	2.85	84	100475	46.726	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	91550	47.223	ug/l	98
22) Diisopropyl ether	3.85	45	387990	48.152	ug/l	89
23) Vinyl Acetate	3.81	43	1736533	239.903	ug/l	99
24) 1,1-Dichloroethane	3.70	63	188002	48.146	ug/l	99
25) 2-Butanone	4.67	43	512982	234.487	ug/l	98
26) 2,2-Dichloropropane	4.58	77	150049	50.798	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	105287	47.048	ug/l	98
28) Bromochloromethane	5.01	49	94657	46.713	ug/l	97
29) Tetrahydrofuran	5.12	42	317682	226.451	ug/l	99
30) Chloroform	5.21	83	171720	48.762	ug/l	98
31) Cyclohexane	5.57	56	186609	50.457	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	146217	50.982	ug/l	99
36) 1,1-Dichloropropene	5.79	75	136103	51.439	ug/l	99
37) Ethyl Acetate	4.83	43	182570	49.521	ug/l	99
38) Carbon Tetrachloride	5.78	117	124380	54.400	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175254	55.840	ug/l	98
40) Benzene	6.14	78	407209	51.881	ug/l	100
41) Methacrylonitrile	5.04	41	104595	48.553	ug/l	99
42) 1,2-Dichloroethane	6.19	62	146434	50.465	ug/l	99
43) Isopropyl Acetate	6.44	43	295541	49.682	ug/l	99
44) Trichloroethene	7.21	130	99534	52.207	ug/l	99
45) 1,2-Dichloropropane	7.51	63	115721	51.217	ug/l	100
46) Dibromomethane	7.66	93	66557	50.044	ug/l	99
47) Bromodichloromethane	7.90	83	137850	54.506	ug/l	99
48) Methyl methacrylate	7.77	41	150271	51.029	ug/l	99
49) 1,4-Dioxane	7.74	88	53305	973.144	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	976738	252.408	ug/l	100
52) Toluene	8.78	92	253459	53.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163308	53.842	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	177325	53.658	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99771	52.016	ug/l	99
56) Ethyl methacrylate	9.18	69	187067	54.782	ug/l	98
57) 1,3-Dichloropropane	9.37	76	176136	51.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	458652	256.141	ug/l	99
59) 2-Hexanone	9.49	43	777783	261.064	ug/l	100
60) Dibromochloromethane	9.58	129	105393	55.858	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103179	52.361	ug/l	100
64) Tetrachloroethene	9.34	164	91922	54.483	ug/l	97
65) Chlorobenzene	10.13	112	264414	52.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95381	54.383	ug/l	99
67) Ethyl Benzene	10.25	91	494575	54.472	ug/l	99
68) m/p-Xylenes	10.35	106	366895	109.381	ug/l	98
69) o-Xylene	10.69	106	176982	55.016	ug/l	98
70) Styrene	10.71	104	310035	54.962	ug/l	99
71) Bromoform	10.85	173	83739	58.410	ug/l #	97
73) Isopropylbenzene	11.02	105	476701	52.384	ug/l	99
74) N-amyl acetate	10.90	43	274585	50.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	166660	49.090	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	147328m	49.952	ug/l	
77) Bromobenzene	11.26	156	120004	51.745	ug/l	95
78) n-propylbenzene	11.36	91	564723	53.838	ug/l	99
79) 2-Chlorotoluene	11.42	91	326571	50.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	407492	53.152	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61889	51.917	ug/l	97
82) 4-Chlorotoluene	11.51	91	384966	51.601	ug/l	99
83) tert-Butylbenzene	11.77	119	394615	53.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	410700	52.750	ug/l	99
85) sec-Butylbenzene	11.94	105	476821	54.645	ug/l	100
86) p-Isopropyltoluene	12.06	119	439517	55.999	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218292	52.870	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	217224	51.588	ug/l	99
89) n-Butylbenzene	12.38	91	414547	56.202	ug/l	100
90) Hexachloroethane	12.59	117	75791	56.270	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	212233	52.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37733	47.217	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159413	54.800	ug/l	100
94) Hexachlorobutadiene	13.78	225	81692	55.988	ug/l	98
95) Naphthalene	13.83	128	475713	52.549	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153813	52.823	ug/l	98

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

