

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013065.D
 Acq On : 14 Oct 2019 20:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 11:04:36 AM

Quant Time: Oct 15 08:08:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102335	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	
35) Dibromofluoromethane	5.49	113	80848	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	8.71	98	295793	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	111654	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	63255	43.309	ug/l	98
3) Chloromethane	1.31	50	74492	46.864	ug/l	100
4) Vinyl Chloride	1.40	62	72565	44.229	ug/l	99
5) Bromomethane	1.62	94	30197	44.277	ug/l	97
6) Chloroethane	1.70	64	49242	49.142	ug/l	99
7) Trichlorofluoromethane	1.91	101	104008	46.969	ug/l	97
8) Diethyl Ether	2.18	74	48202	53.928	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67100	46.820	ug/l	99
10) Methyl Iodide	2.50	142	87718	53.617	ug/l	99
11) Tert butyl alcohol	3.04	59	127969	269.547	ug/l	99
12) 1,1-Dichloroethene	2.36	96	69471	47.977	ug/l	93
13) Acrolein	2.28	56	73409	217.580	ug/l	98
14) Allyl chloride	2.72	41	130479	50.599	ug/l	99
15) Acrylonitrile	3.13	53	267174	296.960	ug/l	99
16) Acetone	2.44	43	226900	240.362	ug/l	99
17) Carbon Disulfide	2.56	76	159248	38.570	ug/l	100
18) Methyl Acetate	2.76	43	131504	58.772	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	287479	57.491	ug/l	98
20) Methylene Chloride	2.84	84	89462	51.567	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	77695	50.062	ug/l	95
22) Diisopropyl ether	3.84	45	273365	55.323	ug/l	93
23) Vinyl Acetate	3.80	43	1187912	278.484	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149383	53.739	ug/l	99
25) 2-Butanone	4.66	43	365750	279.271	ug/l	97
26) 2,2-Dichloropropane	4.58	77	105827	45.272	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	95498	53.382	ug/l	97
28) Bromochloromethane	5.01	49	49143	59.237	ug/l	95
29) Tetrahydrofuran	5.12	42	233967	290.311	ug/l	97
30) Chloroform	5.20	83	153676	53.877	ug/l	99
31) Cyclohexane	5.57	56	114773	44.155	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	124505	51.517	ug/l	99
36) 1,1-Dichloropropene	5.79	75	103018	46.548	ug/l	99
37) Ethyl Acetate	4.82	43	138664	56.032	ug/l	99
38) Carbon Tetrachloride	5.77	117	102852	47.746	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116194	43.292	ug/l	98
40) Benzene	6.14	78	341396	52.229	ug/l	99
41) Methacrylonitrile	5.03	41	74746	54.967	ug/l	98
42) 1,2-Dichloroethane	6.19	62	126007	53.723	ug/l	98
43) Isopropyl Acetate	6.44	43	218357	54.974	ug/l	100
44) Trichloroethene	7.21	130	84790	46.778	ug/l	94
45) 1,2-Dichloropropane	7.51	63	89475	53.708	ug/l	98
46) Dibromomethane	7.65	93	60454	54.465	ug/l	97
47) Bromodichloromethane	7.89	83	116348	53.713	ug/l	99
48) Methyl methacrylate	7.76	41	104215	53.841	ug/l	96
49) 1,4-Dioxane	7.73	88	55690	1069.602	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	701295	283.184	ug/l	99
52) Toluene	8.78	92	213848	51.138	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126991	47.109	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	140442	52.716	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	92464	55.872	ug/l	97
56) Ethyl methacrylate	9.17	69	151354	51.034	ug/l	98
57) 1,3-Dichloropropane	9.37	76	155567	54.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	343053	282.175	ug/l	98
59) 2-Hexanone	9.49	43	546095	283.278	ug/l	100
60) Dibromochloromethane	9.58	129	91772	49.838	ug/l	100
61) 1,2-Dibromoethane	9.67	107	94189	54.104	ug/l	99
64) Tetrachloroethene	9.33	164	80285	49.975	ug/l	95
65) Chlorobenzene	10.14	112	227730	49.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85089	53.355	ug/l	99
67) Ethyl Benzene	10.25	91	397141	48.609	ug/l	96
68) m/p-Xylenes	10.36	106	304554	99.781	ug/l	99
69) o-Xylene	10.70	106	149913	50.366	ug/l	99
70) Styrene	10.71	104	263399	52.055	ug/l	99
71) Bromoform	10.86	173	63741	47.110	ug/l #	99
73) Isopropylbenzene	11.01	105	380550	46.538	ug/l	99
74) N-amyl acetate	10.89	43	186030	52.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	141827	52.147	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	131956m	53.491	ug/l	
77) Bromobenzene	11.25	156	96431	50.043	ug/l	97
78) n-propylbenzene	11.35	91	422645	46.971	ug/l	99
79) 2-Chlorotoluene	11.42	91	266592	47.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	329880	48.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43880	46.088	ug/l	100
82) 4-Chlorotoluene	11.51	91	314731	48.557	ug/l	99
83) tert-Butylbenzene	11.76	119	315865	47.422	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	343039	49.606	ug/l	99
85) sec-Butylbenzene	11.94	105	351141	45.504	ug/l	98
86) p-Isopropyltoluene	12.06	119	326378	45.604	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	172471	48.198	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	174370	48.115	ug/l	98
89) n-Butylbenzene	12.39	91	260945	43.383	ug/l	97
90) Hexachloroethane	12.59	117	53490	40.762	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	175307	49.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35082	55.033	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105816	48.152	ug/l	99
94) Hexachlorobutadiene	13.78	225	41923	41.337	ug/l	98
95) Naphthalene	13.83	128	398331	52.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106960	47.100	ug/l	100

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

