

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011502.D
 Acq On : 12 Aug 2019 23:16
 Operator : JC/SP
 Sample : VX0812WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0812WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:12:27 AM

Quant Time: Aug 13 09:06:36 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	5.65	168	152101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	227865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	211321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	86713	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	5.49	113	73783	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	8.71	98	272921	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	99271	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20389	17.356	ug/l	100
3) Chloromethane	1.32	50	22637	17.160	ug/l	98
4) Vinyl Chloride	1.40	62	24099	16.608	ug/l	96
5) Bromomethane	1.63	94	19106	18.461	ug/l	100
6) Chloroethane	1.71	64	16908	17.097	ug/l	96
7) Trichlorofluoromethane	1.92	101	43577	16.889	ug/l	97
8) Diethyl Ether	2.18	74	15568	16.898	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24539	17.577	ug/l	97
10) Methyl Iodide	2.50	142	27697	15.736	ug/l	98
11) Tert butyl alcohol	3.04	59	33521	109.759	ug/l	99
12) 1,1-Dichloroethene	2.37	96	23244	16.796	ug/l	88
13) Acrolein	2.29	56	16076	84.412	ug/l	98
14) Allyl chloride	2.72	41	36297	19.674	ug/l	98
15) Acrylonitrile	3.14	53	75855	104.070	ug/l	98
16) Acetone	2.43	43	67197	92.167	ug/l	97
17) Carbon Disulfide	2.56	76	50231	15.468	ug/l	100
18) Methyl Acetate	2.76	43	37548	22.536	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	83893	20.571	ug/l	100
20) Methylene Chloride	2.85	84	29340	18.375	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	26087	17.820	ug/l	92
22) Diisopropyl ether	3.85	45	81573	20.118	ug/l	95
23) Vinyl Acetate	3.81	43	340544	101.261	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46612	19.495	ug/l	96
25) 2-Butanone	4.67	43	104272	100.541	ug/l	100
26) 2,2-Dichloropropane	4.58	77	28879	15.538	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	31445	18.649	ug/l	97
28) Bromochloromethane	5.01	49	22799	20.917	ug/l	95
29) Tetrahydrofuran	5.12	42	66234	104.157	ug/l	99
30) Chloroform	5.20	83	52571	20.230	ug/l	97
31) Cyclohexane	5.57	56	34244	17.360	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	43363	19.480	ug/l	97
36) 1,1-Dichloropropene	5.79	75	35122	17.654	ug/l	98
37) Ethyl Acetate	4.82	43	37945	19.014	ug/l	98
38) Carbon Tetrachloride	5.78	117	38078	19.024	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	36833	15.619	ug/l	98
40) Benzene	6.14	78	109389	18.426	ug/l	97
41) Methacrylonitrile	5.04	41	21869	20.066	ug/l	97
42) 1,2-Dichloroethane	6.18	62	41755	20.799	ug/l	96
43) Isopropyl Acetate	6.44	43	62041	19.446	ug/l	99
44) Trichloroethene	7.21	130	31120	17.318	ug/l	93
45) 1,2-Dichloropropane	7.51	63	28321	18.420	ug/l	99
46) Dibromomethane	7.66	93	21023	18.730	ug/l	96
47) Bromodichloromethane	7.89	83	36363	19.135	ug/l	97
48) Methyl methacrylate	7.77	41	30684	20.436	ug/l	96
49) 1,4-Dioxane	7.73	88	16326	375.057	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	212409	103.160	ug/l	100
52) Toluene	8.78	92	72021	18.348	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	34914	17.719	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	40427	18.212	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	31165	19.311	ug/l	96
56) Ethyl methacrylate	9.18	69	43745	19.021	ug/l	95
57) 1,3-Dichloropropane	9.37	76	49124	19.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	105604	93.387	ug/l	99
59) 2-Hexanone	9.49	43	166413	104.344	ug/l	98
60) Dibromochloromethane	9.58	129	30006	18.160	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32483	18.630	ug/l	100
64) Tetrachloroethene	9.34	164	31836	17.740	ug/l	97
65) Chlorobenzene	10.13	112	81535	17.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	30169	19.449	ug/l	98
67) Ethyl Benzene	10.25	91	136183	17.946	ug/l	98
68) m/p-Xylenes	10.36	106	104066	35.455	ug/l	96
69) o-Xylene	10.69	106	50010	17.341	ug/l	94
70) Styrene	10.71	104	87502	18.337	ug/l	99
71) Bromoform	10.85	173	21632	17.548	ug/l #	97
73) Isopropylbenzene	11.02	105	140050	18.618	ug/l	99
74) N-amyl acetate	10.90	43	53584	19.714	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	49131	19.599	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	40687m	20.313	ug/l	
77) Bromobenzene	11.26	156	38730	18.568	ug/l	97
78) n-propylbenzene	11.36	91	151754	18.141	ug/l	98
79) 2-Chlorotoluene	11.42	91	93276	18.708	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	114420	18.171	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10969	17.827	ug/l	86
82) 4-Chlorotoluene	11.51	91	107503	18.501	ug/l	98
83) tert-Butylbenzene	11.77	119	114159	18.485	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	115137	18.365	ug/l	99
85) sec-Butylbenzene	11.94	105	133846	18.038	ug/l	99
86) p-Isopropyltoluene	12.06	119	121989	17.871	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	66589	18.068	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	67323	17.715	ug/l	97
89) n-Butylbenzene	12.38	91	98636	16.772	ug/l	99
90) Hexachloroethane	12.59	117	17709	17.547	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	68376	18.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10196	20.994	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42447	17.284	ug/l	99
94) Hexachlorobutadiene	13.78	225	21323	17.113	ug/l	98
95) Naphthalene	13.83	128	135409	18.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	43659	17.487	ug/l	97

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

