

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011526.D
 Acq On : 13 Aug 2019 11:24
 Operator : JC/SP
 Sample : VX0813WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 11:31:17 AM

Quant Time: Aug 14 01:22:44 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	161768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	233661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	83881	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.49	113	71634	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.71	98	265212	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.13	95	100230	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	22351	17.889	ug/l 100
3) Chloromethane	1.32	50	23485	16.739	ug/l 100
4) Vinyl Chloride	1.40	62	25480	16.510	ug/l 98
5) Bromomethane	1.63	94	18769	17.052	ug/l 100
6) Chloroethane	1.71	64	17491	16.554	ug/l 98
7) Trichlorofluoromethane	1.92	101	48134	17.541	ug/l 98
8) Diethyl Ether	2.18	74	16762	17.107	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28988	19.523	ug/l 98
10) Methyl Iodide	2.50	142	27707	14.801	ug/l 96
11) Tert butyl alcohol	3.04	59	32907	101.312	ug/l 99
12) 1,1-Dichloroethene	2.36	96	26385	17.927	ug/l 87
13) Acrolein	2.28	56	17116	84.502	ug/l 99
14) Allyl chloride	2.72	41	40100	20.437	ug/l 96
15) Acrylonitrile	3.13	53	76174	98.263	ug/l 98
16) Acetone	2.43	43	81550	105.169	ug/l 97
17) Carbon Disulfide	2.56	76	55282	16.006	ug/l 100
18) Methyl Acetate	2.76	43	37330	21.066	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	88593	20.425	ug/l 97
20) Methylene Chloride	2.85	84	31174	18.357	ug/l 95
21) trans-1,2-Dichloroethene	3.15	96	28733	18.455	ug/l 93
22) Diisopropyl ether	3.84	45	85931	19.926	ug/l 92
23) Vinyl Acetate	3.80	43	365565	102.205	ug/l 98
24) 1,1-Dichloroethane	3.68	63	50235	19.755	ug/l 96
25) 2-Butanone	4.66	43	112746	102.215	ug/l 99
26) 2,2-Dichloropropane	4.57	77	40662	20.570	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	34477	19.225	ug/l 98
28) Bromochloromethane	5.00	49	22789	19.658	ug/l 93
29) Tetrahydrofuran	5.12	42	65611	97.012	ug/l 98
30) Chloroform	5.20	83	56772	20.542	ug/l 93
31) Cyclohexane	5.57	56	39007	18.593	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	48308	20.404	ug/l 99
36) 1,1-Dichloropropene	5.79	75	38061	18.657	ug/l 99
37) Ethyl Acetate	4.82	43	39840	19.469	ug/l 99
38) Carbon Tetrachloride	5.77	117	41212	20.079	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42995	17.780	ug/l	99
40) Benzene	6.13	78	117482	19.298	ug/l	98
41) Methacrylonitrile	5.03	41	22349	19.998	ug/l	96
42) 1,2-Dichloroethane	6.18	62	43898	21.325	ug/l	98
43) Isopropyl Acetate	6.43	43	63940	19.544	ug/l	98
44) Trichloroethene	7.21	130	34833	18.903	ug/l	94
45) 1,2-Dichloropropane	7.51	63	29975	19.012	ug/l	94
46) Dibromomethane	7.66	93	22262	19.342	ug/l	96
47) Bromodichloromethane	7.89	83	39547	20.294	ug/l	99
48) Methyl methacrylate	7.76	41	31308	20.334	ug/l	98
49) 1,4-Dioxane	7.73	88	17418	390.217	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	216984	102.768	ug/l	100
52) Toluene	8.78	92	78699	19.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	40947	19.857	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	45872	20.152	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	32595	19.696	ug/l	100
56) Ethyl methacrylate	9.17	69	47671	20.214	ug/l	98
57) 1,3-Dichloropropane	9.37	76	51733	19.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	110858	95.602	ug/l	98
59) 2-Hexanone	9.49	43	170651	104.347	ug/l	98
60) Dibromochloromethane	9.58	129	33853	19.980	ug/l	96
61) 1,2-Dibromoethane	9.67	107	35546	19.881	ug/l	97
64) Tetrachloroethene	9.33	164	35442	19.050	ug/l	96
65) Chlorobenzene	10.13	112	89130	18.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	31546	19.617	ug/l	99
67) Ethyl Benzene	10.25	91	151730	19.288	ug/l	97
68) m/p-Xylenes	10.35	106	116993	38.449	ug/l	96
69) o-Xylene	10.69	106	56333	18.843	ug/l	98
70) Styrene	10.71	104	96627	19.533	ug/l	98
71) Bromoform	10.85	173	23326	18.139	ug/l #	99
73) Isopropylbenzene	11.01	105	155947	19.539	ug/l	99
74) N-amyl acetate	10.89	43	56896	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51698	19.437	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	43385m	20.414	ug/l	
77) Bromobenzene	11.25	156	41322	18.671	ug/l	95
78) n-propylbenzene	11.35	91	172911	19.481	ug/l	99
79) 2-Chlorotoluene	11.41	91	104091	19.676	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	132219	19.790	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12825	19.183	ug/l	89
82) 4-Chlorotoluene	11.51	91	121155	19.651	ug/l	98
83) tert-Butylbenzene	11.77	119	128749	19.648	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	132942	19.985	ug/l	97
85) sec-Butylbenzene	11.94	105	152447	19.364	ug/l	99
86) p-Isopropyltoluene	12.06	119	142091	19.618	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74574	19.070	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74830	18.557	ug/l	97
89) n-Butylbenzene	12.38	91	118593	19.006	ug/l	99
90) Hexachloroethane	12.59	117	19961	18.641	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76419	19.449	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10283	19.955	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49261	18.905	ug/l	98
94) Hexachlorobutadiene	13.78	225	25761	19.486	ug/l	99
95) Naphthalene	13.83	128	141791	18.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	49229	18.583	ug/l	98

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

