

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011741.D
 Acq On : 21 Aug 2019 19:49
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:41 AM

Quant Time: Aug 22 04:16:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	324270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	470100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	155893	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.49	113	143736	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	8.71	98	486057	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	201128	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	70832	22.223	ug/l 97
3) Chloromethane	1.32	50	59598	18.003	ug/l 99
4) Vinyl Chloride	1.40	62	57266	19.149	ug/l 97
5) Bromomethane	1.63	94	34813	25.980	ug/l 100
6) Chloroethane	1.71	64	32373	22.873	ug/l 96
7) Trichlorofluoromethane	1.92	101	94590	22.836	ug/l 97
8) Diethyl Ether	2.18	74	32809	23.090	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56290	19.675	ug/l 93
10) Methyl Iodide	2.50	142	55512	13.620	ug/l 95
11) Tert butyl alcohol	3.04	59	74110	100.455	ug/l 97
12) 1,1-Dichloroethene	2.37	96	52895	19.131	ug/l 96
13) Acrolein	2.29	56	20959	100.014	ug/l 95
14) Allyl chloride	2.72	41	81621	17.746	ug/l 92
15) Acrylonitrile	3.14	53	169361	100.304	ug/l 100
16) Acetone	2.43	43	148885	98.465	ug/l 98
17) Carbon Disulfide	2.56	76	110860	17.016	ug/l 100
18) Methyl Acetate	2.76	43	96552	20.589	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	188118	20.891	ug/l 94
20) Methylene Chloride	2.85	84	61258	19.295	ug/l 95
21) trans-1,2-Dichloroethene	3.16	96	56290	19.212	ug/l 98
22) Diisopropyl ether	3.85	45	178439	19.481	ug/l 93
23) Vinyl Acetate	3.81	43	705342	97.244	ug/l 99
24) 1,1-Dichloroethane	3.69	63	101691	19.636	ug/l 98
25) 2-Butanone	4.67	43	233213	98.244	ug/l 99
26) 2,2-Dichloropropane	4.57	77	70604	18.114	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	68195	19.965	ug/l 97
28) Bromochloromethane	5.01	49	43468	19.120	ug/l 98
29) Tetrahydrofuran	5.12	42	146664	94.187	ug/l 96
30) Chloroform	5.20	83	113514	20.769	ug/l 97
31) Cyclohexane	5.57	56	81450	18.267	ug/l 96
32) 1,1,1-Trichloroethane	5.49	97	97326	20.710	ug/l 98
36) 1,1-Dichloropropene	5.80	75	75148	18.697	ug/l 98
37) Ethyl Acetate	4.83	43	84815	18.347	ug/l 98
38) Carbon Tetrachloride	5.78	117	84803	19.151	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88698	17.870	ug/l	97
40) Benzene	6.13	78	234639	18.786	ug/l	99
41) Methacrylonitrile	5.03	41	50399	19.808	ug/l	98
42) 1,2-Dichloroethane	6.19	62	91943	21.247	ug/l	99
43) Isopropyl Acetate	6.44	43	132942	18.427	ug/l	98
44) Trichloroethene	7.21	130	69829	18.846	ug/l	98
45) 1,2-Dichloropropane	7.51	63	62358	20.019	ug/l	98
46) Dibromomethane	7.66	93	45639	20.162	ug/l	98
47) Bromodichloromethane	7.90	83	85136	20.484	ug/l	97
48) Methyl methacrylate	7.76	41	70961	19.861	ug/l	95
49) 1,4-Dioxane	7.74	88	38804	408.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	494988	104.819	ug/l	100
52) Toluene	8.78	92	163927	20.601	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85874	19.908	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	95344	20.197	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	73329	21.670	ug/l	95
56) Ethyl methacrylate	9.18	69	103775	21.100	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114787	21.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.552	ug/l	100
59) 2-Hexanone	9.49	43	376265	103.323	ug/l	99
60) Dibromochloromethane	9.58	129	73637	20.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76944	21.306	ug/l	99
64) Tetrachloroethene	9.34	164	75831	19.788	ug/l	99
65) Chlorobenzene	10.13	112	189447	19.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	70618	18.966	ug/l	99
67) Ethyl Benzene	10.25	91	315944	19.003	ug/l	99
68) m/p-Xylenes	10.35	106	246261	38.588	ug/l	100
69) o-Xylene	10.69	106	119923	19.184	ug/l	100
70) Styrene	10.71	104	202953	19.286	ug/l	99
71) Bromoform	10.85	173	57294	18.083	ug/l #	100
73) Isopropylbenzene	11.02	105	322723	19.609	ug/l	99
74) N-amyl acetate	10.90	43	123395	17.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	108312	19.131	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	94518m	19.653	ug/l	
77) Bromobenzene	11.25	156	96201	19.647	ug/l	99
78) n-propylbenzene	11.35	91	345140	19.448	ug/l	100
79) 2-Chlorotoluene	11.42	91	213887	19.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	272143	19.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26546	18.097	ug/l	92
82) 4-Chlorotoluene	11.51	91	245461	19.416	ug/l	99
83) tert-Butylbenzene	11.77	119	269305	19.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	271947	19.594	ug/l	99
85) sec-Butylbenzene	11.94	105	307674	19.367	ug/l	100
86) p-Isopropyltoluene	12.06	119	289277	19.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161874	19.233	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161766	18.964	ug/l	99
89) n-Butylbenzene	12.38	91	227167	18.488	ug/l	100
90) Hexachloroethane	12.59	117	43805	18.561	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	164399	19.459	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22739	17.556	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113815	18.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	60792	17.735	ug/l	97
95) Naphthalene	13.83	128	344629	19.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121316	19.107	ug/l	99

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

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