

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011647.D
 Acq On : 19 Aug 2019 21:58
 Operator : JC/SP
 Sample : VX0819WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 3:40:38 PM

Quant Time: Aug 20 12:05:04 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	330464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	439312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	443391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237677	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150659	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.49	113	138971	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	8.71	98	425663	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.13	95	190779	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69883	21.514	ug/l	99
3) Chloromethane	1.32	50	60370	17.894	ug/l	98
4) Vinyl Chloride	1.40	62	60351	19.803	ug/l	99
5) Bromomethane	1.64	94	33969	24.875	ug/l	99
6) Chloroethane	1.71	64	31825	22.064	ug/l	96
7) Trichlorofluoromethane	1.92	101	88084	20.867	ug/l	97
8) Diethyl Ether	2.18	74	29808	20.585	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57203	19.619	ug/l	99
10) Methyl Iodide	2.50	142	73160	17.614	ug/l	99
11) Tert butyl alcohol	3.04	59	77827	103.516	ug/l	97
12) 1,1-Dichloroethene	2.37	96	56049	19.892	ug/l	95
13) Acrolein	2.29	56	18847	89.683	ug/l	99
14) Allyl chloride	2.72	41	92730	19.783	ug/l	99
15) Acrylonitrile	3.14	53	181133	105.265	ug/l	100
16) Acetone	2.43	43	157877	102.455	ug/l	99
17) Carbon Disulfide	2.56	76	126930	19.117	ug/l	99
18) Methyl Acetate	2.76	43	104225	21.809	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	194763	21.223	ug/l	97
20) Methylene Chloride	2.85	84	65137	20.132	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	59133	19.804	ug/l	100
22) Diisopropyl ether	3.85	45	191772	20.544	ug/l	97
23) Vinyl Acetate	3.81	43	766593	103.708	ug/l	100
24) 1,1-Dichloroethane	3.69	63	106343	20.149	ug/l	99
25) 2-Butanone	4.67	43	249754	103.240	ug/l	99
26) 2,2-Dichloropropane	4.57	77	69362	17.462	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	69436	19.948	ug/l	98
28) Bromochloromethane	5.01	49	46345	20.004	ug/l	97
29) Tetrahydrofuran	5.12	42	163601	103.095	ug/l	99
30) Chloroform	5.20	83	112662	20.227	ug/l	97
31) Cyclohexane	5.57	56	89030	19.593	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	99219	20.717	ug/l	97
36) 1,1-Dichloropropene	5.79	75	72503	19.303	ug/l	99
37) Ethyl Acetate	4.82	43	93347	21.607	ug/l	98
38) Carbon Tetrachloride	5.78	117	81315	19.650	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84149	18.142	ug/l	99
40) Benzene	6.14	78	219411	18.798	ug/l	99
41) Methacrylonitrile	5.03	41	52756	22.188	ug/l	100
42) 1,2-Dichloroethane	6.18	62	88705	21.935	ug/l	99
43) Isopropyl Acetate	6.44	43	130574	19.367	ug/l	99
44) Trichloroethene	7.21	130	65997	19.060	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57902	19.891	ug/l	98
46) Dibromomethane	7.66	93	41536	19.635	ug/l	94
47) Bromodichloromethane	7.90	83	76087	19.590	ug/l	100
48) Methyl methacrylate	7.77	41	66939	20.049	ug/l	96
49) 1,4-Dioxane	7.74	88	35034	394.506	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	445287	100.903	ug/l	99
52) Toluene	8.78	92	144756	19.466	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81430	20.201	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	85097	19.290	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	64200	20.302	ug/l	99
56) Ethyl methacrylate	9.18	69	97546	21.223	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107466	21.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	225202	98.337	ug/l	98
59) 2-Hexanone	9.49	43	371820	109.258	ug/l	98
60) Dibromochloromethane	9.58	129	70719	21.464	ug/l	100
61) 1,2-Dibromoethane	9.67	107	72163	21.382	ug/l	98
64) Tetrachloroethene	9.34	164	66057	18.158	ug/l	99
65) Chlorobenzene	10.13	112	179812	19.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	68205	19.296	ug/l	98
67) Ethyl Benzene	10.25	91	307279	19.469	ug/l	98
68) m/p-Xylenes	10.35	106	239352	39.508	ug/l	98
69) o-Xylene	10.69	106	116547	19.639	ug/l	97
70) Styrene	10.71	104	193416	19.361	ug/l	99
71) Bromoform	10.85	173	55627	18.420	ug/l #	97
73) Isopropylbenzene	11.01	105	311312	20.186	ug/l	100
74) N-amyl acetate	10.90	43	121104	18.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	102405	19.302	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	90609m	20.104	ug/l	
77) Bromobenzene	11.25	156	90425	19.707	ug/l	99
78) n-propylbenzene	11.35	91	328000	19.723	ug/l	100
79) 2-Chlorotoluene	11.41	91	201344	19.717	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257617	19.885	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25084	18.210	ug/l	94
82) 4-Chlorotoluene	11.51	91	232872	19.656	ug/l	100
83) tert-Butylbenzene	11.77	119	263404	19.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	267275	20.550	ug/l	98
85) sec-Butylbenzene	11.94	105	298799	20.071	ug/l	100
86) p-Isopropyltoluene	12.06	119	280275	20.012	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	152422	19.326	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	156067	19.524	ug/l	98
89) n-Butylbenzene	12.38	91	220624	19.161	ug/l	99
90) Hexachloroethane	12.59	117	42421	19.181	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	154322	19.492	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21766	17.933	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	112096	19.002	ug/l	98
94) Hexachlorobutadiene	13.78	225	60126	18.718	ug/l	99
95) Naphthalene	13.83	128	338585	20.303	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118047	19.840	ug/l	100

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

