

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX011519\
 Data File : VX007063.D
 Acq On : 15 Jan 2019 17:20
 Operator : JC/SP
 Sample : VX0115WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 8:37:02 AM

Quant Time: Jan 16 00:50:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	720450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	669007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	339924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	254638	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	230114	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	859287	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	310131	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88452	22.167	ug/l	97
3) Chloromethane	1.33	50	98524	21.210	ug/l	99
4) Vinyl Chloride	1.41	62	103071	20.628	ug/l	97
5) Bromomethane	1.64	94	106588	19.966	ug/l	97
6) Chloroethane	1.72	64	69397	19.891	ug/l	97
7) Trichlorofluoromethane	1.93	101	169301	20.970	ug/l	95
8) Diethyl Ether	2.19	74	64506	20.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98734	20.427	ug/l	98
10) Methyl Iodide	2.51	142	144456	22.156	ug/l	99
11) Tert butyl alcohol	3.07	59	133932	111.808	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91827	20.562	ug/l	97
13) Acrolein	2.29	56	68647	134.321	ug/l	99
14) Allyl chloride	2.73	41	156591	20.460	ug/l	98
15) Acrylonitrile	3.15	53	293632	106.780	ug/l	98
16) Acetone	2.45	43	284116	113.175	ug/l	97
17) Carbon Disulfide	2.57	76	199378	17.341	ug/l	100
18) Methyl Acetate	2.78	43	158011	21.735	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	324201	20.916	ug/l	100
20) Methylene Chloride	2.86	84	105940	21.869	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97027	19.497	ug/l	96
22) Diisopropyl ether	3.87	45	295788	20.557	ug/l	94
23) Vinyl Acetate	3.82	43	1213377	99.997	ug/l	100
24) 1,1-Dichloroethane	3.70	63	164916	20.498	ug/l	97
25) 2-Butanone	4.70	43	394900	109.937	ug/l	97
26) 2,2-Dichloropropane	4.59	77	113949	18.418	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	109970	20.033	ug/l	98
28) Bromochloromethane	5.02	49	70238	19.926	ug/l	92
29) Tetrahydrofuran	5.15	42	247567	106.052	ug/l	98
30) Chloroform	5.21	83	177544	21.077	ug/l	100
31) Cyclohexane	5.58	56	143636	20.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	144639	20.258	ug/l	98
36) 1,1-Dichloropropene	5.80	75	123975	19.793	ug/l	99
37) Ethyl Acetate	4.85	43	140789	20.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	121541	19.286	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155997	19.535	ug/l	97
40) Benzene	6.14	78	391941	20.507	ug/l	100
41) Methacrylonitrile	5.06	41	77120	19.935	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133836	20.264	ug/l	100
43) Isopropyl Acetate	6.46	43	216806	20.468	ug/l	98
44) Trichloroethene	7.21	130	111425	19.455	ug/l	96
45) 1,2-Dichloropropane	7.52	63	98771	20.556	ug/l	98
46) Dibromomethane	7.66	93	70358	20.835	ug/l	99
47) Bromodichloromethane	7.90	83	114508	19.921	ug/l	96
48) Methyl methacrylate	7.77	41	113023	20.778	ug/l	98
49) 1,4-Dioxane	7.75	88	57446	457.785	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	768308	112.865	ug/l	99
52) Toluene	8.78	92	255917	20.833	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122305	19.189	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	138396	19.662	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105465	21.449	ug/l	98
56) Ethyl methacrylate	9.18	69	152390	21.230	ug/l	97
57) 1,3-Dichloropropane	9.37	76	171390	21.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	396388	107.403	ug/l	99
59) 2-Hexanone	9.49	43	583298	112.441	ug/l	99
60) Dibromochloromethane	9.58	129	99038	20.743	ug/l	96
61) 1,2-Dibromoethane	9.67	107	111916	20.675	ug/l	98
64) Tetrachloroethene	9.34	164	118481	20.456	ug/l	99
65) Chlorobenzene	10.14	112	293099	20.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98216	20.009	ug/l	98
67) Ethyl Benzene	10.25	91	477912	19.840	ug/l	99
68) m/p-Xylenes	10.36	106	378469	39.879	ug/l	98
69) o-Xylene	10.70	106	189389	20.462	ug/l	99
70) Styrene	10.71	104	303229	20.685	ug/l	99
71) Bromoform	10.86	173	70395	19.242	ug/l #	99
73) Isopropylbenzene	11.02	105	494399	20.626	ug/l	99
74) N-amyl acetate	10.90	43	194427	20.147	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159848	21.006	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148389m	21.542	ug/l	
77) Bromobenzene	11.26	156	138254	20.933	ug/l	98
78) n-propylbenzene	11.36	91	549888	20.898	ug/l	99
79) 2-Chlorotoluene	11.42	91	330738	20.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	409738	20.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35829	18.292	ug/l	87
82) 4-Chlorotoluene	11.51	91	375328	20.465	ug/l	100
83) tert-Butylbenzene	11.77	119	414256	20.731	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	421588	20.933	ug/l	99
85) sec-Butylbenzene	11.94	105	496325	20.797	ug/l	99
86) p-Isopropyltoluene	12.06	119	440604	20.641	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	239920	20.098	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	242274	21.503	ug/l	99
89) n-Butylbenzene	12.39	91	366805	20.157	ug/l	98
90) Hexachloroethane	12.60	117	59641	19.392	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	243450	20.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30117	20.012	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161603	19.995	ug/l	99
94) Hexachlorobutadiene	13.78	225	75296	20.993	ug/l	99
95) Naphthalene	13.83	128	501393	20.472	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160205	19.954	ug/l	99

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

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