

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010027.D
 Acq On : 03 Jun 2019 11:43
 Operator : JC/SP
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:30:07 AM

Quant Time: Jun 04 04:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103111	41.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.14%	
35) Dibromofluoromethane	5.49	113	76683	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	8.71	98	313990	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	114068	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41978	19.563	ug/l	99
3) Chloromethane	1.33	50	46355	16.070	ug/l	100
4) Vinyl Chloride	1.41	62	42538	16.358	ug/l	96
5) Bromomethane	1.64	94	22175	14.074	ug/l	96
6) Chloroethane	1.72	64	26192	16.362	ug/l	98
7) Trichlorofluoromethane	1.93	101	50794	17.676	ug/l	98
8) Diethyl Ether	2.19	74	21173	15.679	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31866	18.367	ug/l	99
10) Methyl Iodide	2.51	142	29130	16.953	ug/l	100
11) Tert butyl alcohol	3.04	59	53887	88.277	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30704	17.266	ug/l	97
13) Acrolein	2.29	56	30800	86.272	ug/l	97
14) Allyl chloride	2.73	41	73002	16.890	ug/l	97
15) Acrylonitrile	3.14	53	120197	81.721	ug/l	99
16) Acetone	2.44	43	125223	87.377	ug/l	99
17) Carbon Disulfide	2.57	76	89568	16.890	ug/l	99
18) Methyl Acetate	2.78	43	55246	16.567	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	117111	17.443	ug/l	97
20) Methylene Chloride	2.85	84	36879	16.804	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33546	16.954	ug/l	98
22) Diisopropyl ether	3.85	45	143434	17.441	ug/l	94
23) Vinyl Acetate	3.81	43	622973	84.324	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68650	17.225	ug/l	97
25) 2-Butanone	4.67	43	187146	83.817	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53531	17.756	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	38791	16.984	ug/l	97
28) Bromochloromethane	5.01	49	35771	17.296	ug/l	97
29) Tetrahydrofuran	5.13	42	117722	82.219	ug/l	98
30) Chloroform	5.21	83	62526	17.396	ug/l	100
31) Cyclohexane	5.58	56	69495	18.411	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	52893	18.070	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49093	18.219	ug/l	100
37) Ethyl Acetate	4.83	43	67477	17.972	ug/l	99
38) Carbon Tetrachloride	5.78	117	45085	19.362	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61706	19.306	ug/l	99
40) Benzene	6.14	78	150137	18.783	ug/l	98
41) Methacrylonitrile	5.04	41	38856	17.711	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55121	18.653	ug/l	100
43) Isopropyl Acetate	6.44	43	106504	17.580	ug/l	98
44) Trichloroethene	7.21	130	36695	18.899	ug/l	92
45) 1,2-Dichloropropane	7.51	63	42314	18.389	ug/l	95
46) Dibromomethane	7.66	93	23867	17.621	ug/l	97
47) Bromodichloromethane	7.90	83	48892	18.983	ug/l	100
48) Methyl methacrylate	7.77	41	53292	17.770	ug/l	99
49) 1,4-Dioxane	7.74	88	20474	367.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	349562	88.700	ug/l	99
52) Toluene	8.78	92	92779	19.117	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56744	18.370	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	61498	18.273	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36481	18.676	ug/l	98
56) Ethyl methacrylate	9.18	69	65211	18.751	ug/l	98
57) 1,3-Dichloropropane	9.37	76	64448	18.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164021	89.944	ug/l	100
59) 2-Hexanone	9.49	43	278660	91.841	ug/l	99
60) Dibromochloromethane	9.58	129	36981	19.245	ug/l	99
61) 1,2-Dibromoethane	9.67	107	37594	18.733	ug/l	100
64) Tetrachloroethene	9.34	164	33060	19.422	ug/l	98
65) Chlorobenzene	10.13	112	95804	18.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34588	19.547	ug/l	100
67) Ethyl Benzene	10.25	91	176163	19.231	ug/l	99
68) m/p-Xylenes	10.35	106	130430	38.541	ug/l	98
69) o-Xylene	10.69	106	61831	19.051	ug/l	99
70) Styrene	10.71	104	109309	19.207	ug/l	99
71) Bromoform	10.85	173	27953	19.326	ug/l #	97
73) Isopropylbenzene	11.02	105	170130	18.808	ug/l	98
74) N-amyl acetate	10.90	43	96435	17.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59794	17.718	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	52735m	17.988	ug/l	
77) Bromobenzene	11.25	156	42596	18.478	ug/l	96
78) n-propylbenzene	11.36	91	196383	18.835	ug/l	99
79) 2-Chlorotoluene	11.42	91	116320	18.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143963	18.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20286	17.120	ug/l	97
82) 4-Chlorotoluene	11.51	91	135008	18.205	ug/l	98
83) tert-Butylbenzene	11.77	119	138644	19.016	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145718	18.829	ug/l	99
85) sec-Butylbenzene	11.94	105	167029	19.257	ug/l	99
86) p-Isopropyltoluene	12.06	119	152962	19.606	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75216	18.327	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	75609	18.064	ug/l	99
89) n-Butylbenzene	12.38	91	140094	19.107	ug/l	100
90) Hexachloroethane	12.60	117	25270	18.874	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	76045	18.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14229	17.913	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56196	19.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	28613	19.728	ug/l	99
95) Naphthalene	13.83	128	168400	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55444	19.155	ug/l	98

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

