

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011140.D
 Acq On : 29 Jul 2019 13:05
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:06 AM

Quant Time: Jul 30 05:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103126	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	5.49	113	91355	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	341314	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	123865	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36988	17.996	ug/l	98
3) Chloromethane	1.33	50	32917	18.206	ug/l	98
4) Vinyl Chloride	1.41	62	35946	19.491	ug/l	97
5) Bromomethane	1.64	94	20531	19.756	ug/l	99
6) Chloroethane	1.72	64	22697	19.367	ug/l	98
7) Trichlorofluoromethane	1.93	101	61742	19.778	ug/l	100
8) Diethyl Ether	2.19	74	20929	19.458	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34156	19.162	ug/l	99
10) Methyl Iodide	2.51	142	37393	15.986	ug/l	99
11) Tert butyl alcohol	3.04	59	46675	95.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33216	18.967	ug/l	97
13) Acrolein	2.29	56	17219	61.181	ug/l	99
14) Allyl chloride	2.73	41	48813	19.189	ug/l	99
15) Acrylonitrile	3.14	53	97391	98.941	ug/l	99
16) Acetone	2.45	43	95717	101.321	ug/l	99
17) Carbon Disulfide	2.57	76	69485	15.468	ug/l	98
18) Methyl Acetate	2.78	43	46094	21.428	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	110174	19.542	ug/l	99
20) Methylene Chloride	2.85	84	37445	18.704	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34431	18.529	ug/l	100
22) Diisopropyl ether	3.85	45	107748	20.083	ug/l	98
23) Vinyl Acetate	3.82	43	445629	98.032	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60174	19.313	ug/l	99
25) 2-Butanone	4.67	43	139409	102.802	ug/l	98
26) 2,2-Dichloropropane	4.58	77	49612	19.393	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40993	19.062	ug/l	99
28) Bromochloromethane	5.02	49	27198	18.524	ug/l	99
29) Tetrahydrofuran	5.13	42	84487	98.355	ug/l	99
30) Chloroform	5.21	83	66212	19.660	ug/l	99
31) Cyclohexane	5.58	56	50588	17.813	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	56076	19.246	ug/l	98
36) 1,1-Dichloropropene	5.80	75	44944	19.028	ug/l	99
37) Ethyl Acetate	4.84	43	49839	20.606	ug/l	97
38) Carbon Tetrachloride	5.78	117	48930	19.880	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56158	18.334	ug/l	98
40) Benzene	6.14	78	142829	19.740	ug/l	99
41) Methacrylonitrile	5.04	41	26917	19.604	ug/l	99
42) 1,2-Dichloroethane	6.19	62	51312	20.397	ug/l	99
43) Isopropyl Acetate	6.45	43	78648	19.776	ug/l	99
44) Trichloroethene	7.21	130	41908	19.568	ug/l	97
45) 1,2-Dichloropropane	7.51	63	37010	20.097	ug/l	99
46) Dibromomethane	7.66	93	26245	19.945	ug/l	98
47) Bromodichloromethane	7.90	83	47129	20.120	ug/l	98
48) Methyl methacrylate	7.77	41	39222	20.245	ug/l	97
49) 1,4-Dioxane	7.74	88	21179	390.807	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	271096	105.157	ug/l	99
52) Toluene	8.78	92	92536	19.469	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	49519	19.661	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	54353	19.394	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	39994	20.436	ug/l	98
56) Ethyl methacrylate	9.18	69	57501	20.086	ug/l	97
57) 1,3-Dichloropropane	9.37	76	62189	20.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145733	106.643	ug/l	100
59) 2-Hexanone	9.49	43	212068	106.058	ug/l	100
60) Dibromochloromethane	9.58	129	39440	19.153	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42139	20.289	ug/l	99
64) Tetrachloroethene	9.34	164	41627	20.036	ug/l	98
65) Chlorobenzene	10.13	112	105602	19.468	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38158	20.015	ug/l	98
67) Ethyl Benzene	10.25	91	182207	19.734	ug/l	100
68) m/p-Xylenes	10.36	106	139872	39.493	ug/l	98
69) o-Xylene	10.69	106	68022	19.679	ug/l	100
70) Styrene	10.71	104	114533	19.877	ug/l	100
71) Bromoform	10.85	173	29357	18.599	ug/l #	98
73) Isopropylbenzene	11.02	105	184273	19.441	ug/l	100
74) N-amyl acetate	10.90	43	69607	19.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62956	20.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52830m	20.870	ug/l	
77) Bromobenzene	11.25	156	48314	18.479	ug/l	96
78) n-propylbenzene	11.36	91	203109	19.393	ug/l	100
79) 2-Chlorotoluene	11.42	91	122604	19.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156187	19.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15938	18.662	ug/l	91
82) 4-Chlorotoluene	11.51	91	140639	19.206	ug/l	100
83) tert-Butylbenzene	11.77	119	151529	19.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	158451	19.849	ug/l	99
85) sec-Butylbenzene	11.94	105	178835	19.618	ug/l	99
86) p-Isopropyltoluene	12.06	119	165329	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88461	19.496	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88932	19.111	ug/l	98
89) n-Butylbenzene	12.38	91	140761	19.523	ug/l	99
90) Hexachloroethane	12.59	117	24581	18.493	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	89664	19.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13353	20.594	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	60370	19.810	ug/l	100
94) Hexachlorobutadiene	13.78	225	30754	20.364	ug/l	98
95) Naphthalene	13.83	128	184853	20.541	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61678	20.341	ug/l	99

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

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