

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009211.D
 Acq On : 29 Apr 2019 16:46
 Operator : JC/SP
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:51 AM

Quant Time: Apr 30 08:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310961	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143561	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
35) Dibromofluoromethane	5.50	113	104734	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	8.71	98	431466	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
62) 4-Bromofluorobenzene	11.13	95	151552	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	35414	20.005	ug/l 98
3) Chloromethane	1.32	50	48294	19.982	ug/l 98
4) Vinyl Chloride	1.40	62	46288	19.640	ug/l 100
5) Bromomethane	1.64	94	27717	19.594	ug/l 96
6) Chloroethane	1.72	64	29032	19.186	ug/l 99
7) Trichlorofluoromethane	1.93	101	56322	19.660	ug/l 97
8) Diethyl Ether	2.19	74	25882	19.073	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35824	19.913	ug/l 100
10) Methyl Iodide	2.51	142	31188	18.144	ug/l 100
11) Tert butyl alcohol	3.04	59	59556	98.109	ug/l 100
12) 1,1-Dichloroethene	2.37	96	35839	19.883	ug/l 96
13) Acrolein	2.29	56	50926	92.634	ug/l 98
14) Allyl chloride	2.73	41	84125	19.151	ug/l 99
15) Acrylonitrile	3.14	53	145211	97.834	ug/l 99
16) Acetone	2.44	43	139241	98.881	ug/l 98
17) Carbon Disulfide	2.57	76	98492	19.462	ug/l 99
18) Methyl Acetate	2.78	43	64982	19.404	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	138227	19.748	ug/l 100
20) Methylene Chloride	2.85	84	42819	18.780	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	37450	19.158	ug/l 99
22) Diisopropyl ether	3.85	45	167207	19.793	ug/l 96
23) Vinyl Acetate	3.81	43	731751	101.156	ug/l 100
24) 1,1-Dichloroethane	3.70	63	80434	19.301	ug/l 100
25) 2-Butanone	4.67	43	222375	101.622	ug/l 99
26) 2,2-Dichloropropane	4.59	77	59355	19.135	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	44794	19.198	ug/l 100
28) Bromochloromethane	5.01	49	34532	18.878	ug/l 99
29) Tetrahydrofuran	5.13	42	141894	100.767	ug/l 99
30) Chloroform	5.21	83	74001	19.633	ug/l 97
31) Cyclohexane	5.58	56	77048	19.872	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	61128	19.482	ug/l 99
36) 1,1-Dichloropropene	5.80	75	55228	19.111	ug/l 99
37) Ethyl Acetate	4.84	43	80289	19.941	ug/l 98
38) Carbon Tetrachloride	5.78	117	50362	19.181	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69632	19.620	ug/l	97
40) Benzene	6.14	78	174253	19.484	ug/l	99
41) Methacrylonitrile	5.04	41	45450	18.963	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63173	19.691	ug/l	99
43) Isopropyl Acetate	6.45	43	126704	19.673	ug/l	100
44) Trichloroethene	7.21	130	41348	19.124	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49595	19.584	ug/l	98
46) Dibromomethane	7.66	93	28097	19.106	ug/l	100
47) Bromodichloromethane	7.90	83	55162	18.804	ug/l	98
48) Methyl methacrylate	7.77	41	62105	19.437	ug/l	98
49) 1,4-Dioxane	7.74	88	25177	388.542	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	415557	98.718	ug/l	100
52) Toluene	8.78	92	106150	19.526	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	63129	19.061	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70624	19.266	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42917	19.350	ug/l	96
56) Ethyl methacrylate	9.18	69	77562	19.591	ug/l	100
57) 1,3-Dichloropropane	9.37	76	75770	19.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	206317	98.232	ug/l	100
59) 2-Hexanone	9.49	43	323709	97.912	ug/l	100
60) Dibromochloromethane	9.58	129	41027	18.939	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44143	19.717	ug/l	99
64) Tetrachloroethene	9.34	164	36864	19.268	ug/l	99
65) Chlorobenzene	10.14	112	106528	19.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38506	19.036	ug/l	99
67) Ethyl Benzene	10.25	91	198416	19.323	ug/l	98
68) m/p-Xylenes	10.36	106	144299	38.454	ug/l	97
69) o-Xylene	10.70	106	71336	19.268	ug/l	100
70) Styrene	10.71	104	123060	19.124	ug/l	99
71) Bromoform	10.85	173	30424	18.508	ug/l #	100
73) Isopropylbenzene	11.02	105	191055	19.850	ug/l	98
74) N-amyl acetate	10.90	43	108967	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70369	19.612	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61432m	20.009	ug/l	
77) Bromobenzene	11.26	156	46771	19.578	ug/l	99
78) n-propylbenzene	11.36	91	217456	19.783	ug/l	100
79) 2-Chlorotoluene	11.42	91	131956	19.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	160278	19.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22329	18.608	ug/l	96
82) 4-Chlorotoluene	11.51	91	148286	19.355	ug/l	100
83) tert-Butylbenzene	11.77	119	155255	19.693	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	162265	19.947	ug/l	99
85) sec-Butylbenzene	11.94	105	182822	19.560	ug/l	100
86) p-Isopropyltoluene	12.06	119	165206	19.661	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81627	19.167	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81682	19.024	ug/l	99
89) n-Butylbenzene	12.38	91	148074	19.497	ug/l	99
90) Hexachloroethane	12.60	117	27223	19.016	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83313	19.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16190	20.114	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57031	19.226	ug/l	99
94) Hexachlorobutadiene	13.78	225	28483	18.804	ug/l	99
95) Naphthalene	13.83	128	197504	20.465	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58685	19.517	ug/l	100

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

