

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041219\
 Data File : VX008904.D
 Acq On : 12 Apr 2019 22:55
 Operator : JC/SP
 Sample : VX0412WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/13/2019 2:12:03 PM

Quant Time: Apr 13 06:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	225216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114331	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.50	113	82963	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.71	98	331174	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	116677	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	40808	23.208	ug/l	98
3) Chloromethane	1.32	50	50016	22.274	ug/l	98
4) Vinyl Chloride	1.40	62	48082	20.229	ug/l	99
5) Bromomethane	1.64	94	27027	24.097	ug/l	96
6) Chloroethane	1.72	64	29330	20.828	ug/l	100
7) Trichlorofluoromethane	1.93	101	53008	20.174	ug/l	99
8) Diethyl Ether	2.19	74	25160	20.192	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33376	19.730	ug/l	99
10) Methyl Iodide	2.51	142	29471	21.600	ug/l	99
11) Tert butyl alcohol	3.05	59	59423	113.924	ug/l	100
12) 1,1-Dichloroethene	2.37	96	35711	20.222	ug/l	97
13) Acrolein	2.29	56	24784	95.825	ug/l	99
14) Allyl chloride	2.73	41	83092	20.553	ug/l	97
15) Acrylonitrile	3.14	53	148042	107.136	ug/l	100
16) Acetone	2.45	43	127763	99.561	ug/l	100
17) Carbon Disulfide	2.57	76	104025	19.954	ug/l	100
18) Methyl Acetate	2.78	43	65731	21.120	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	135866	21.543	ug/l	99
20) Methylene Chloride	2.85	84	42611	19.837	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	37918	19.850	ug/l	97
22) Diisopropyl ether	3.85	45	165827	21.282	ug/l #	87
23) Vinyl Acetate	3.82	43	737037	108.731	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79915	20.715	ug/l	99
25) 2-Butanone	4.68	43	220226	108.580	ug/l	99
26) 2,2-Dichloropropane	4.59	77	43412	15.977	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	44174	20.114	ug/l	97
28) Bromochloromethane	5.02	49	36282	20.743	ug/l	99
29) Tetrahydrofuran	5.13	42	147727	109.737	ug/l	99
30) Chloroform	5.21	83	72350	20.997	ug/l	96
31) Cyclohexane	5.58	56	75938	19.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57773	20.748	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53898	19.222	ug/l	100
37) Ethyl Acetate	4.84	43	82454	22.031	ug/l	99
38) Carbon Tetrachloride	5.79	117	47178	20.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65246	18.837	ug/l	99
40) Benzene	6.14	78	170983	20.469	ug/l	98
41) Methacrylonitrile	5.04	41	45930	21.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61719	20.610	ug/l	99
43) Isopropyl Acetate	6.45	43	126972	21.657	ug/l	100
44) Trichloroethene	7.21	130	40199	20.662	ug/l	96
45) 1,2-Dichloropropane	7.51	63	48508	20.345	ug/l	99
46) Dibromomethane	7.66	93	27475	19.869	ug/l	96
47) Bromodichloromethane	7.90	83	53666	20.583	ug/l	99
48) Methyl methacrylate	7.77	41	64418	21.721	ug/l	98
49) 1,4-Dioxane	7.74	88	24568	442.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	425492	112.738	ug/l	100
52) Toluene	8.79	92	102730	20.860	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57759	19.776	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65548	19.642	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42015	21.254	ug/l	98
56) Ethyl methacrylate	9.18	69	75497	21.108	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73371	20.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	189062	103.521	ug/l	100
59) 2-Hexanone	9.49	43	324396	110.599	ug/l	100
60) Dibromochloromethane	9.59	129	38600	20.722	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42214	20.513	ug/l	99
64) Tetrachloroethene	9.34	164	37009	22.179	ug/l	98
65) Chlorobenzene	10.14	112	103295	20.691	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	36717	20.964	ug/l	99
67) Ethyl Benzene	10.25	91	189399	20.346	ug/l	98
68) m/p-Xylenes	10.36	106	135830	40.581	ug/l	99
69) o-Xylene	10.70	106	67394	20.777	ug/l	99
70) Styrene	10.71	104	115773	20.706	ug/l	99
71) Bromoform	10.85	173	28289	21.149	ug/l #	98
73) Isopropylbenzene	11.02	105	176956	20.623	ug/l	100
74) N-amyl acetate	10.90	43	107302	21.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68395	20.959	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	58433m	20.544	ug/l	
77) Bromobenzene	11.26	156	43149	20.918	ug/l	98
78) n-propylbenzene	11.36	91	200792	20.098	ug/l	100
79) 2-Chlorotoluene	11.42	91	121611	20.114	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148465	20.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19821	19.210	ug/l	94
82) 4-Chlorotoluene	11.51	91	138460	19.784	ug/l	98
83) tert-Butylbenzene	11.77	119	138116	19.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150280	20.606	ug/l	100
85) sec-Butylbenzene	11.94	105	166498	20.228	ug/l	100
86) p-Isopropyltoluene	12.06	119	150885	20.424	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74226	20.100	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74586	19.946	ug/l	100
89) n-Butylbenzene	12.38	91	135862	19.610	ug/l	99
90) Hexachloroethane	12.60	117	24353	19.875	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	75106	20.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14481	20.172	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51320	20.131	ug/l	99
94) Hexachlorobutadiene	13.78	225	26054	21.310	ug/l	99
95) Naphthalene	13.83	128	175727	20.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52341	20.549	ug/l	99

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

