

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008739.D
 Acq On : 08 Apr 2019 12:53
 Operator : JC/SP
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:48:57 PM

Quant Time: Apr 09 06:58:15 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	5.66	168	186559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122658	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135756	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.49	113	100603	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.71	98	406353	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.13	95	143016	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34778	16.195	ug/l	99
3) Chloromethane	1.32	50	47383	16.885	ug/l	100
4) Vinyl Chloride	1.40	62	47641	16.411	ug/l	98
5) Bromomethane	1.64	94	24669	18.485	ug/l	98
6) Chloroethane	1.71	64	28413	15.854	ug/l	98
7) Trichlorofluoromethane	1.92	101	56480	17.601	ug/l	97
8) Diethyl Ether	2.18	74	26010	17.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	37145	17.979	ug/l	99
10) Methyl Iodide	2.51	142	28644	18.007	ug/l	99
11) Tert butyl alcohol	3.05	59	58080	91.172	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36762	17.045	ug/l	97
13) Acrolein	2.29	56	40917	129.535	ug/l	99
14) Allyl chloride	2.72	41	84540	17.122	ug/l	99
15) Acrylonitrile	3.14	53	149609	88.651	ug/l	99
16) Acetone	2.45	43	134715	85.956	ug/l	100
17) Carbon Disulfide	2.56	76	103542	16.123	ug/l	99
18) Methyl Acetate	2.78	43	67698	17.810	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	139125	18.063	ug/l	99
20) Methylene Chloride	2.85	84	43617	16.626	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	39462	16.915	ug/l	93
22) Diisopropyl ether	3.85	45	168651	17.722	ug/l	94
23) Vinyl Acetate	3.81	43	743886	89.856	ug/l	99
24) 1,1-Dichloroethane	3.69	63	82507	17.511	ug/l	99
25) 2-Butanone	4.67	43	224354	90.571	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58597	17.658	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	46302	17.263	ug/l	98
28) Bromochloromethane	5.01	49	40132	18.483	ug/l	99
29) Tetrahydrofuran	5.13	42	147050	89.441	ug/l	100
30) Chloroform	5.21	83	74688	17.748	ug/l	98
31) Cyclohexane	5.57	56	81325	17.298	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	60467	17.781	ug/l	99
36) 1,1-Dichloropropene	5.79	75	58895	17.804	ug/l	100
37) Ethyl Acetate	4.83	43	83699	18.956	ug/l	99
38) Carbon Tetrachloride	5.78	117	49948	18.244	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72741	17.801	ug/l	98
40) Benzene	6.14	78	176981	17.959	ug/l	99
41) Methacrylonitrile	5.04	41	46652	18.381	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62162	17.595	ug/l	100
43) Isopropyl Acetate	6.45	43	126974	18.358	ug/l	100
44) Trichloroethene	7.21	130	41593	18.122	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50109	17.815	ug/l	96
46) Dibromomethane	7.66	93	28282	17.337	ug/l	98
47) Bromodichloromethane	7.90	83	57014	18.536	ug/l	99
48) Methyl methacrylate	7.77	41	63803	18.236	ug/l	98
49) 1,4-Dioxane	7.74	88	23770	362.666	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	424327	95.300	ug/l	100
52) Toluene	8.78	92	106152	18.271	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64334	18.672	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	71365	18.127	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43409	18.614	ug/l	98
56) Ethyl methacrylate	9.18	69	78642	18.638	ug/l	100
57) 1,3-Dichloropropane	9.37	76	76348	18.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	213842	99.250	ug/l	99
59) 2-Hexanone	9.49	43	322093	93.083	ug/l	100
60) Dibromochloromethane	9.58	129	40908	18.615	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43798	18.040	ug/l	98
64) Tetrachloroethene	9.34	164	37069	18.772	ug/l	99
65) Chlorobenzene	10.14	112	107274	18.158	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	38592	18.620	ug/l	99
67) Ethyl Benzene	10.25	91	202186	18.353	ug/l	100
68) m/p-Xylenes	10.36	106	144983	36.603	ug/l	99
69) o-Xylene	10.69	106	69939	18.220	ug/l	99
70) Styrene	10.71	104	121819	18.410	ug/l	100
71) Bromoform	10.85	173	29630	18.718	ug/l #	98
73) Isopropylbenzene	11.02	105	190443	18.735	ug/l	100
74) N-amyl acetate	10.90	43	107708	18.010	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	70100	18.133	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60761m	18.032	ug/l	
77) Bromobenzene	11.26	156	45345	18.556	ug/l	98
78) n-propylbenzene	11.36	91	219473	18.543	ug/l	100
79) 2-Chlorotoluene	11.42	91	129966	18.145	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161215	18.894	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	22289	18.234	ug/l	95
82) 4-Chlorotoluene	11.51	91	149487	18.030	ug/l	98
83) tert-Butylbenzene	11.77	119	151794	18.491	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	162251	18.779	ug/l	100
85) sec-Butylbenzene	11.94	105	183985	18.868	ug/l	100
86) p-Isopropyltoluene	12.06	119	165553	18.916	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	78871	18.029	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79319	17.905	ug/l	99
89) n-Butylbenzene	12.38	91	155883	18.992	ug/l	100
90) Hexachloroethane	12.60	117	27544	18.975	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78274	18.021	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14975	17.609	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55450	18.361	ug/l	100
94) Hexachlorobutadiene	13.78	225	27848	19.227	ug/l	98
95) Naphthalene	13.83	128	185075	18.336	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55426	18.369	ug/l	98

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

