

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008619.D
 Acq On : 03 Apr 2019 17:44
 Operator : JC/SP
 Sample : VX0403WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:27 PM

Quant Time: Apr 04 06:07:55 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	198571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148664	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.50	113	109036	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	434872	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	154896	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40557	17.744	ug/l	100
3) Chloromethane	1.32	50	56968	19.300	ug/l	99
4) Vinyl Chloride	1.40	62	53317	17.255	ug/l	99
5) Bromomethane	1.64	94	26391	18.570	ug/l	99
6) Chloroethane	1.71	64	33531	17.928	ug/l	99
7) Trichlorofluoromethane	1.93	101	60005	17.568	ug/l	97
8) Diethyl Ether	2.19	74	28836	17.803	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38744	17.618	ug/l	100
10) Methyl Iodide	2.51	142	30244	17.895	ug/l	100
11) Tert butyl alcohol	3.05	59	62538	92.232	ug/l	99
12) 1,1-Dichloroethene	2.37	96	40399	17.598	ug/l	97
13) Acrolein	2.29	56	26842	79.836	ug/l	95
14) Allyl chloride	2.73	41	91554	17.421	ug/l	100
15) Acrylonitrile	3.14	53	163203	90.856	ug/l	99
16) Acetone	2.45	43	149607	89.683	ug/l	99
17) Carbon Disulfide	2.57	76	118698	17.423	ug/l	99
18) Methyl Acetate	2.78	43	71465	17.664	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149281	18.209	ug/l	99
20) Methylene Chloride	2.85	84	49115	17.589	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42841	17.253	ug/l	96
22) Diisopropyl ether	3.85	45	183523	18.118	ug/l	91
23) Vinyl Acetate	3.81	43	811575	92.102	ug/l	98
24) 1,1-Dichloroethane	3.70	63	90543	18.054	ug/l	99
25) 2-Butanone	4.68	43	244718	92.816	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60157	17.031	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49532	17.350	ug/l	99
28) Bromochloromethane	5.01	49	44051	19.161	ug/l	99
29) Tetrahydrofuran	5.13	42	159603	91.204	ug/l	99
30) Chloroform	5.21	83	80436	17.957	ug/l	100
31) Cyclohexane	5.58	56	87461	17.478	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	65193	18.011	ug/l	100
36) 1,1-Dichloropropene	5.80	75	61463	16.755	ug/l	99
37) Ethyl Acetate	4.84	43	89477	18.274	ug/l	97
38) Carbon Tetrachloride	5.79	117	52757	17.376	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76135	16.801	ug/l	99
40) Benzene	6.14	78	192594	17.623	ug/l	98
41) Methacrylonitrile	5.04	41	49282	17.510	ug/l	97
42) 1,2-Dichloroethane	6.20	62	68601	17.510	ug/l	100
43) Isopropyl Acetate	6.45	43	137490	17.925	ug/l	99
44) Trichloroethene	7.21	130	43137	16.948	ug/l	99
45) 1,2-Dichloropropane	7.51	63	55082	17.659	ug/l	100
46) Dibromomethane	7.66	93	31179	17.235	ug/l	99
47) Bromodichloromethane	7.90	83	60234	17.659	ug/l	98
48) Methyl methacrylate	7.77	41	69903	18.016	ug/l	100
49) 1,4-Dioxane	7.74	88	26916	370.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	464678	94.109	ug/l	100
52) Toluene	8.79	92	115388	17.909	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	66482	17.399	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	74813	17.135	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47099	18.212	ug/l	98
56) Ethyl methacrylate	9.18	69	86286	18.440	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83930	18.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	233187	97.595	ug/l	100
59) 2-Hexanone	9.49	43	357097	93.060	ug/l	100
60) Dibromochloromethane	9.58	129	43476	17.840	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47699	17.717	ug/l	98
64) Tetrachloroethene	9.34	164	36909	16.769	ug/l	98
65) Chlorobenzene	10.14	112	115069	17.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	40278	17.434	ug/l	98
67) Ethyl Benzene	10.25	91	216981	17.670	ug/l	99
68) m/p-Xylenes	10.36	106	153644	34.799	ug/l	99
69) o-Xylene	10.70	106	75835	17.724	ug/l	100
70) Styrene	10.71	104	131197	17.788	ug/l	99
71) Bromoform	10.86	173	30560	17.320	ug/l #	98
73) Isopropylbenzene	11.02	105	202574	18.412	ug/l	100
74) N-amyl acetate	10.90	43	120146	18.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77995	18.640	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	65789m	18.039	ug/l	
77) Bromobenzene	11.26	156	47521	17.967	ug/l	99
78) n-propylbenzene	11.36	91	231968	18.107	ug/l	100
79) 2-Chlorotoluene	11.42	91	139757	18.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	168021	18.193	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22803	17.235	ug/l	93
82) 4-Chlorotoluene	11.51	91	157475	17.549	ug/l	100
83) tert-Butylbenzene	11.77	119	159424	17.943	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	171831	18.375	ug/l	99
85) sec-Butylbenzene	11.94	105	192653	18.254	ug/l	99
86) p-Isopropyltoluene	12.06	119	171068	18.059	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82261	17.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83179	17.348	ug/l	99
89) n-Butylbenzene	12.38	91	155830	17.541	ug/l	99
90) Hexachloroethane	12.60	117	27787	17.686	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	83758	17.816	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16753	18.200	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55742	17.053	ug/l	99
94) Hexachlorobutadiene	13.78	225	27718	17.681	ug/l	99
95) Naphthalene	13.83	128	194553	17.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57023	17.460	ug/l	99

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

