

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008233.D
 Acq On : 20 Mar 2019 11:31
 Operator : JC/SP
 Sample : VX0320WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0320WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:50:38 PM

Quant Time: Mar 22 06:04:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	313441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	498480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	208055	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	
35) Dibromofluoromethane	5.50	113	155535	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	8.71	98	610849	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.13	95	217843	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76457	20.119	ug/l	100
3) Chloromethane	1.33	50	86640	18.170	ug/l	100
4) Vinyl Chloride	1.41	62	88315	18.576	ug/l	100
5) Bromomethane	1.64	94	62876	15.525	ug/l	100
6) Chloroethane	1.73	64	55536	18.630	ug/l	100
7) Trichlorofluoromethane	1.93	101	110725	18.249	ug/l	96
8) Diethyl Ether	2.19	74	61117	19.578	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81565	20.248	ug/l	91
10) Methyl Iodide	2.51	142	99937	19.484	ug/l	97
11) Tert butyl alcohol	3.04	59	95434	94.435	ug/l	98
12) 1,1-Dichloroethene	2.37	96	75459	19.841	ug/l	93
13) Acrolein	2.29	56	57588	73.556	ug/l	100
14) Allyl chloride	2.73	41	157082	18.974	ug/l	93
15) Acrylonitrile	3.14	53	259137	96.946	ug/l	99
16) Acetone	2.44	43	255278	95.345	ug/l	96
17) Carbon Disulfide	2.57	76	229663	18.926	ug/l	100
18) Methyl Acetate	2.78	43	126420	20.395	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	268985	19.561	ug/l	100
20) Methylene Chloride	2.86	84	85444	19.138	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78985	19.224	ug/l	91
22) Diisopropyl ether	3.85	45	315443	19.454	ug/l	# 85
23) Vinyl Acetate	3.81	43	1366596	98.306	ug/l	98
24) 1,1-Dichloroethane	3.70	63	163493	19.605	ug/l	99
25) 2-Butanone	4.67	43	384914	97.392	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118772	18.906	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	89378	19.083	ug/l	90
28) Bromochloromethane	5.02	49	61400	16.397	ug/l	84
29) Tetrahydrofuran	5.13	42	244825	99.093	ug/l	98
30) Chloroform	5.21	83	151057	19.364	ug/l	99
31) Cyclohexane	5.58	56	158463	20.235	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	125578	19.352	ug/l	96
36) 1,1-Dichloropropene	5.80	75	117553	20.255	ug/l	98
37) Ethyl Acetate	4.83	43	142273	20.738	ug/l	97
38) Carbon Tetrachloride	5.78	117	105013	20.308	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149009	21.336	ug/l	94
40) Benzene	6.14	78	353042	20.553	ug/l	99
41) Methacrylonitrile	5.04	41	80403	20.893	ug/l	96
42) 1,2-Dichloroethane	6.19	62	127128	20.203	ug/l	96
43) Isopropyl Acetate	6.44	43	223351	20.311	ug/l	97
44) Trichloroethene	7.21	130	86157	20.513	ug/l	92
45) 1,2-Dichloropropane	7.51	63	97194	20.212	ug/l	98
46) Dibromomethane	7.66	93	58570	20.117	ug/l #	85
47) Bromodichloromethane	7.90	83	111620	20.117	ug/l	99
48) Methyl methacrylate	7.77	41	117901	20.164	ug/l	94
49) 1,4-Dioxane	7.74	88	42100	408.022	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	743117	104.529	ug/l	98
52) Toluene	8.78	92	210768	20.682	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	122448	18.543	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137843	20.017	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	86588	21.030	ug/l	99
56) Ethyl methacrylate	9.18	69	140564	19.784	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	149831	20.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	302850	89.773	ug/l	94
59) 2-Hexanone	9.49	43	571279	104.377	ug/l	96
60) Dibromochloromethane	9.58	129	81212	20.524	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88402	20.562	ug/l	99
64) Tetrachloroethene	9.34	164	86753	21.574	ug/l	97
65) Chlorobenzene	10.13	112	224482	20.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	77130	20.171	ug/l	98
67) Ethyl Benzene	10.25	91	398667	20.628	ug/l	98
68) m/p-Xylenes	10.36	106	296545	41.770	ug/l	94
69) o-Xylene	10.69	106	143761	20.839	ug/l	94
70) Styrene	10.71	104	234931	20.955	ug/l	96
71) Bromoform	10.85	173	59016	19.326	ug/l #	99
73) Isopropylbenzene	11.02	105	388937	20.432	ug/l	99
74) N-amyl acetate	10.90	43	192306	19.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	131109	19.208	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135449m	22.550	ug/l	
77) Bromobenzene	11.26	156	91630	19.909	ug/l	85
78) n-propylbenzene	11.36	91	456972	20.669	ug/l	96
79) 2-Chlorotoluene	11.42	91	267266	20.140	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	322577	20.512	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39730	17.814	ug/l	89
82) 4-Chlorotoluene	11.51	91	307943	19.942	ug/l	95
83) tert-Butylbenzene	11.77	119	302345	20.137	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	328150	20.582	ug/l	97
85) sec-Butylbenzene	11.94	105	386818	20.804	ug/l	97
86) p-Isopropyltoluene	12.06	119	334482	20.782	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	164978	20.057	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	165112	19.407	ug/l	96
89) n-Butylbenzene	12.38	91	305992	20.256	ug/l	96
90) Hexachloroethane	12.60	117	56000	20.430	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	165534	19.960	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28599	18.864	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109512	20.047	ug/l	98
94) Hexachlorobutadiene	13.78	225	56840	21.334	ug/l	99
95) Naphthalene	13.83	128	342850	19.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108130	20.116	ug/l	98

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

