

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\
 Data File : VX008136.D
 Acq On : 16 Mar 2019 13:08
 Operator : JC/SP
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 10:36:54 AM

Quant Time: Mar 18 01:30:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118279	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
35) Dibromofluoromethane	5.50	113	110787	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	8.71	98	419305	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.13	95	150501	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38496	17.561	ug/l	98
3) Chloromethane	1.33	50	34034	13.186	ug/l	98
4) Vinyl Chloride	1.41	62	35683	14.489	ug/l	98
5) Bromomethane	1.64	94	22826	18.082	ug/l	96
6) Chloroethane	1.73	64	22569	16.561	ug/l	98
7) Trichlorofluoromethane	1.93	101	50208	16.987	ug/l	98
8) Diethyl Ether	2.19	74	26501	18.037	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42347	19.169	ug/l	97
10) Methyl Iodide	2.51	142	60812	19.705	ug/l	97
11) Tert butyl alcohol	3.06	59	48000	89.939	ug/l	99
12) 1,1-Dichloroethene	2.38	96	38529	18.453	ug/l	91
13) Acrolein	2.29	56	33608	68.364	ug/l	99
14) Allyl chloride	2.73	41	63662	16.740	ug/l	95
15) Acrylonitrile	3.15	53	113998	87.597	ug/l	99
16) Acetone	2.45	43	107509	82.436	ug/l	95
17) Carbon Disulfide	2.57	76	108475	18.094	ug/l	98
18) Methyl Acetate	2.78	43	52704	18.698	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	126717	17.950	ug/l	99
20) Methylene Chloride	2.86	84	41881	17.981	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	41240	18.332	ug/l	90
22) Diisopropyl ether	3.87	45	130121	17.217	ug/l	97
23) Vinyl Acetate	3.82	43	557092	86.671	ug/l	96
24) 1,1-Dichloroethane	3.70	63	75618	18.252	ug/l	98
25) 2-Butanone	4.69	43	167341	83.596	ug/l	94
26) 2,2-Dichloropropane	4.59	77	55003	17.378	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	47722	17.846	ug/l	93
28) Bromochloromethane	5.02	49	35142	17.960	ug/l	83
29) Tetrahydrofuran	5.15	42	104274	83.444	ug/l	93
30) Chloroform	5.21	83	74242	17.691	ug/l	99
31) Cyclohexane	5.57	56	67829	17.173	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	63974	18.098	ug/l	98
36) 1,1-Dichloropropene	5.79	75	55954	18.366	ug/l	97
37) Ethyl Acetate	4.85	43	58339	17.817	ug/l	97
38) Carbon Tetrachloride	5.78	117	56994	19.436	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73551	18.887	ug/l	98
40) Benzene	6.14	78	173152	18.552	ug/l	98
41) Methacrylonitrile	5.05	41	33339	17.488	ug/l	95
42) 1,2-Dichloroethane	6.20	62	55183	18.483	ug/l	98
43) Isopropyl Acetate	6.45	43	91468	17.346	ug/l	96
44) Trichloroethene	7.21	130	50725	18.832	ug/l	96
45) 1,2-Dichloropropane	7.51	63	43549	17.687	ug/l	100
46) Dibromomethane	7.66	93	29606	19.184	ug/l	95
47) Bromodichloromethane	7.90	83	53986	18.394	ug/l	98
48) Methyl methacrylate	7.77	41	47361	17.197	ug/l	92
49) 1,4-Dioxane	7.74	88	22150	372.902	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	304334	87.569	ug/l	96
52) Toluene	8.78	92	111338	18.767	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57957	18.013	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	65464	18.308	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	45616	18.884	ug/l	98
56) Ethyl methacrylate	9.18	69	64882	18.183	ug/l	94
57) 1,3-Dichloropropane	9.37	76	72645	18.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	189231	90.144	ug/l	95
59) 2-Hexanone	9.49	43	234556	86.298	ug/l	97
60) Dibromochloromethane	9.58	129	46438	18.652	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47775	18.875	ug/l	99
64) Tetrachloroethene	9.34	164	52446	19.335	ug/l	98
65) Chlorobenzene	10.13	112	126386	19.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45715	19.389	ug/l	99
67) Ethyl Benzene	10.25	91	203322	18.490	ug/l	99
68) m/p-Xylenes	10.36	106	160244	38.083	ug/l	100
69) o-Xylene	10.69	106	77868	18.983	ug/l	97
70) Styrene	10.71	104	128669	19.148	ug/l	99
71) Bromoform	10.85	173	37601	19.271	ug/l #	100
73) Isopropylbenzene	11.02	105	210981	18.958	ug/l	100
74) N-amyl acetate	10.90	43	75985	16.186	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	66038	18.110	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64403m	21.342	ug/l	
77) Bromobenzene	11.26	156	58462	19.246	ug/l	94
78) n-propylbenzene	11.36	91	230863	18.908	ug/l	99
79) 2-Chlorotoluene	11.42	91	140379	18.826	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	177610	19.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18086	17.055	ug/l	98
82) 4-Chlorotoluene	11.51	91	160713	18.819	ug/l	99
83) tert-Butylbenzene	11.77	119	173178	18.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	181749	19.214	ug/l	100
85) sec-Butylbenzene	11.94	105	210898	19.262	ug/l	100
86) p-Isopropyltoluene	12.06	119	192219	19.412	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103541	19.152	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	103587	18.870	ug/l	99
89) n-Butylbenzene	12.38	91	154043	18.591	ug/l	98
90) Hexachloroethane	12.60	117	29989	18.923	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	102761	19.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13156	17.845	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72704	19.136	ug/l	99
94) Hexachlorobutadiene	13.78	225	41894	20.295	ug/l	100
95) Naphthalene	13.83	128	201409	18.853	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	72541	19.394	ug/l	99

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

