

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008800.D
 Acq On : 10 Apr 2019 13:13
 Operator : JC/SP
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:25 AM

Quant Time: Apr 11 07:36:20 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	201918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157252	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
35) Dibromofluoromethane	5.49	113	116172	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.71	98	471150	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
62) 4-Bromofluorobenzene	11.13	95	169469	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	33446	14.390	ug/l	99
3) Chloromethane	1.32	50	49284	16.159	ug/l	100
4) Vinyl Chloride	1.41	62	46596	14.830	ug/l	98
5) Bromomethane	1.64	94	24612	17.187	ug/l	99
6) Chloroethane	1.72	64	28834	14.664	ug/l	99
7) Trichlorofluoromethane	1.93	101	53214	15.321	ug/l	99
8) Diethyl Ether	2.19	74	24940	15.142	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35423	15.841	ug/l	99
10) Methyl Iodide	2.51	142	27728	16.528	ug/l	98
11) Tert butyl alcohol	3.04	59	55894	81.067	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35908	15.382	ug/l	98
13) Acrolein	2.29	56	47764	139.709	ug/l	99
14) Allyl chloride	2.73	41	84304	15.776	ug/l	99
15) Acrylonitrile	3.14	53	149563	81.882	ug/l	99
16) Acetone	2.44	43	138380	81.578	ug/l	98
17) Carbon Disulfide	2.57	76	101110	14.474	ug/l	100
18) Methyl Acetate	2.78	43	67197	16.334	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	136032	16.318	ug/l	100
20) Methylene Chloride	2.85	84	43943	15.476	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38710	15.331	ug/l	95
22) Diisopropyl ether	3.85	45	167057	16.219	ug/l	92
23) Vinyl Acetate	3.81	43	736402	82.186	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82317	16.142	ug/l	100
25) 2-Butanone	4.67	43	222661	83.051	ug/l	99
26) 2,2-Dichloropropane	4.59	77	59190	16.479	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	45936	15.824	ug/l	98
28) Bromochloromethane	5.01	49	50494	22.010	ug/l	100
29) Tetrahydrofuran	5.13	42	142914	80.313	ug/l	100
30) Chloroform	5.21	83	73970	16.240	ug/l	97
31) Cyclohexane	5.58	56	76246	14.984	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	59829	16.255	ug/l	100
36) 1,1-Dichloropropene	5.80	75	56052	15.641	ug/l	99
37) Ethyl Acetate	4.84	43	81301	16.997	ug/l	99
38) Carbon Tetrachloride	5.79	117	48517	16.358	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68522	15.479	ug/l	99
40) Benzene	6.14	78	175905	16.477	ug/l	100
41) Methacrylonitrile	5.04	41	46099	16.766	ug/l	100
42) 1,2-Dichloroethane	6.19	62	63185	16.509	ug/l	100
43) Isopropyl Acetate	6.45	43	124415	16.604	ug/l	100
44) Trichloroethene	7.21	130	40641	16.345	ug/l	100
45) 1,2-Dichloropropane	7.51	63	50546	16.588	ug/l	99
46) Dibromomethane	7.66	93	28588	16.176	ug/l	99
47) Bromodichloromethane	7.90	83	56062	16.824	ug/l	96
48) Methyl methacrylate	7.77	41	64020	16.890	ug/l	99
49) 1,4-Dioxane	7.74	88	23620	332.657	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	420684	87.215	ug/l	100
52) Toluene	8.79	92	104250	16.563	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63087	16.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71539	16.773	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43462	17.203	ug/l	99
56) Ethyl methacrylate	9.18	69	77657	16.988	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77341	17.048	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	245994	105.391	ug/l	99
59) 2-Hexanone	9.49	43	324715	86.623	ug/l	100
60) Dibromochloromethane	9.58	129	40179	16.877	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44313	16.848	ug/l	99
64) Tetrachloroethene	9.34	164	35506	16.398	ug/l	98
65) Chlorobenzene	10.13	112	109019	16.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37550	16.522	ug/l	99
67) Ethyl Benzene	10.25	91	197731	16.368	ug/l	99
68) m/p-Xylenes	10.36	106	144058	33.167	ug/l	97
69) o-Xylene	10.69	106	69026	16.399	ug/l	100
70) Styrene	10.71	104	121816	16.789	ug/l	99
71) Bromoform	10.85	173	29151	16.794	ug/l #	97
73) Isopropylbenzene	11.02	105	185693	16.605	ug/l	99
74) N-amyl acetate	10.90	43	108590	16.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70312	16.533	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	60869m	16.421	ug/l	
77) Bromobenzene	11.26	156	44854	16.685	ug/l	99
78) n-propylbenzene	11.36	91	213393	16.389	ug/l	100
79) 2-Chlorotoluene	11.42	91	129979	16.496	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155915	16.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22246	16.543	ug/l	93
82) 4-Chlorotoluene	11.51	91	147341	16.154	ug/l	99
83) tert-Butylbenzene	11.77	119	147939	16.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	156353	16.450	ug/l	100
85) sec-Butylbenzene	11.94	105	174761	16.292	ug/l	99
86) p-Isopropyltoluene	12.06	119	160167	16.636	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79365	16.491	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78876	16.185	ug/l	99
89) n-Butylbenzene	12.38	91	148510	16.448	ug/l	100
90) Hexachloroethane	12.60	117	25779	16.143	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	78430	16.413	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14858	15.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54374	16.366	ug/l	99
94) Hexachlorobutadiene	13.78	225	27532	17.279	ug/l	99
95) Naphthalene	13.83	128	179910	16.202	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53353	16.073	ug/l	100

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

