

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008285.D
 Acq On : 21 Mar 2019 12:53
 Operator : JC/SP
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 5:18:06 PM

Quant Time: Mar 22 08:54:24 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	272650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	435871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	387809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	185194	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
35) Dibromofluoromethane	5.50	113	142772	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	536203	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.13	95	191444	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68748	20.80	ug/l	99
3) Chloromethane	1.33	50	67350	16.24	ug/l	97
4) Vinyl Chloride	1.41	62	72788	17.60	ug/l	99
5) Bromomethane	1.64	94	63325	17.98	ug/l	99
6) Chloroethane	1.73	64	51420	19.83	ug/l	96
7) Trichlorofluoromethane	1.93	101	97928	18.55	ug/l	98
8) Diethyl Ether	2.19	74	54150	19.94	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72666	20.74	ug/l	91
10) Methyl Iodide	2.51	142	90018	20.18	ug/l	95
11) Tert butyl alcohol	3.04	59	88178	100.31	ug/l	99
12) 1,1-Dichloroethene	2.38	96	67527	20.41	ug/l	94
13) Acrolein	2.29	56	81506	126.52	ug/l	99
14) Allyl chloride	2.73	41	142025	19.72	ug/l	92
15) Acrylonitrile	3.14	53	228150	98.12	ug/l	99
16) Acetone	2.44	43	241964	103.89	ug/l	95
17) Carbon Disulfide	2.57	76	213346	20.17	ug/l	99
18) Methyl Acetate	2.78	43	113954	21.13	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	244403	20.43	ug/l	99
20) Methylene Chloride	2.86	84	76031	19.58	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	70162	19.63	ug/l	90
22) Diisopropyl ether	3.85	45	285302	20.23	ug/l	# 84
23) Vinyl Acetate	3.81	43	1231422	101.84	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146701	20.22	ug/l	100
25) 2-Butanone	4.67	43	347488	101.08	ug/l	98
26) 2,2-Dichloropropane	4.59	77	104779	19.17	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	82670	20.29	ug/l	92
28) Bromochloromethane	5.01	49	54719	16.80	ug/l	86
29) Tetrahydrofuran	5.13	42	217262	101.09	ug/l	99
30) Chloroform	5.21	83	140852	20.76	ug/l	100
31) Cyclohexane	5.58	56	141314	20.75	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	117091	20.74	ug/l	97
36) 1,1-Dichloropropene	5.80	75	106428	20.97	ug/l	97
37) Ethyl Acetate	4.83	43	125575	20.93	ug/l	99
38) Carbon Tetrachloride	5.78	117	101398	22.43	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135132	22.13	ug/l	94
40) Benzene	6.14	78	318682	21.22	ug/l	99
41) Methacrylonitrile	5.04	41	71491	21.25	ug/l	97
42) 1,2-Dichloroethane	6.19	62	116700	21.21	ug/l	96
43) Isopropyl Acetate	6.44	43	202766	21.09	ug/l	98
44) Trichloroethene	7.21	130	77186	21.02	ug/l	89
45) 1,2-Dichloropropane	7.51	63	87851	20.89	ug/l	98
46) Dibromomethane	7.66	93	53525	21.02	ug/l	88
47) Bromodichloromethane	7.90	83	108863	22.44	ug/l	98
48) Methyl methacrylate	7.77	41	106321	20.80	ug/l	93
49) 1,4-Dioxane	7.74	88	38075	422.02	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	665630	107.08	ug/l	98
52) Toluene	8.78	92	190961	21.43	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	116180	20.00	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126838	21.06	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	78786	21.88	ug/l	99
56) Ethyl methacrylate	9.18	69	127154	20.45	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	136709	21.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	273749	92.80	ug/l	95
59) 2-Hexanone	9.49	43	512486	107.09	ug/l	96
60) Dibromochloromethane	9.58	129	82141	23.74	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82147	21.85	ug/l	99
64) Tetrachloroethene	9.34	164	72004	20.58	ug/l	98
65) Chlorobenzene	10.13	112	202867	21.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	72809	21.88	ug/l	98
67) Ethyl Benzene	10.25	91	365317	21.72	ug/l	98
68) m/p-Xylenes	10.36	106	266840	43.20	ug/l	93
69) o-Xylene	10.69	106	131510	21.91	ug/l	96
70) Styrene	10.71	104	212263	21.76	ug/l	95
71) Bromoform	10.85	173	60127	22.25	ug/l	99
73) Isopropylbenzene	11.02	105	354742	21.49	ug/l	99
74) N-amyl acetate	10.90	43	177095	20.47	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	126133	21.31	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	107982m	20.73	ug/l	
77) Bromobenzene	11.26	156	83870	21.01	ug/l	87
78) n-propylbenzene	11.36	91	412324	21.50	ug/l	96
79) 2-Chlorotoluene	11.42	91	245733	21.35	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	293914	21.55	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	37565	19.29	ug/l	90
82) 4-Chlorotoluene	11.51	91	282525	21.10	ug/l	95
83) tert-Butylbenzene	11.77	119	284992	21.89	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	297935	21.55	ug/l	99
85) sec-Butylbenzene	11.94	105	357280	22.16	ug/l	97
86) p-Isopropyltoluene	12.06	119	307610	22.04	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	152039	21.31	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	151131	20.48	ug/l	97
89) n-Butylbenzene	12.38	91	282800	21.59	ug/l	97
90) Hexachloroethane	12.60	117	55420	23.31	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	149678	20.81	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26615	20.24	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99996	21.11	ug/l	99
94) Hexachlorobutadiene	13.78	225	51841	22.44	ug/l	99
95) Naphthalene	13.83	128	318991	21.33	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99275	21.30	ug/l	97

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

