

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012778.D
 Acq On : 03 Oct 2019 13:07
 Operator : JC/SP
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:18:18 AM

Quant Time: Oct 04 07:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113606	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	
35) Dibromofluoromethane	5.48	113	88680	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	8.71	98	330561	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.13	95	128430	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31075	15.945	ug/l	99
3) Chloromethane	1.32	50	35878	16.032	ug/l	97
4) Vinyl Chloride	1.40	62	36184	16.267	ug/l	93
5) Bromomethane	1.63	94	16950	19.381	ug/l	91
6) Chloroethane	1.72	64	22882	15.260	ug/l	98
7) Trichlorofluoromethane	1.92	101	53009	16.974	ug/l	100
8) Diethyl Ether	2.18	74	21306	16.647	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35504	18.665	ug/l	98
10) Methyl Iodide	2.50	142	24657	16.039	ug/l	94
11) Tert butyl alcohol	3.03	59	53337	84.638	ug/l	99
12) 1,1-Dichloroethene	2.36	96	33817	18.156	ug/l	95
13) Acrolein	2.28	56	22139	70.717	ug/l	96
14) Allyl chloride	2.72	41	60194	16.289	ug/l	96
15) Acrylonitrile	3.13	53	108860	85.147	ug/l	98
16) Acetone	2.43	43	105199	78.729	ug/l	93
17) Carbon Disulfide	2.56	76	79535	15.232	ug/l	98
18) Methyl Acetate	2.76	43	55595	17.670	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	126206	17.901	ug/l	99
20) Methylene Chloride	2.84	84	40377	17.866	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	36099	17.494	ug/l	94
22) Diisopropyl ether	3.84	45	127031	17.790	ug/l	97
23) Vinyl Acetate	3.80	43	526214	84.034	ug/l	98
24) 1,1-Dichloroethane	3.69	63	70233	18.095	ug/l	97
25) 2-Butanone	4.65	43	154012	80.385	ug/l	96
26) 2,2-Dichloropropane	4.57	77	56922	16.489	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	43242	18.060	ug/l	92
28) Bromochloromethane	5.00	49	27253	19.337	ug/l	95
29) Tetrahydrofuran	5.12	42	96465	82.607	ug/l	96
30) Chloroform	5.19	83	71060	17.895	ug/l	96
31) Cyclohexane	5.57	56	60271	17.164	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	61641	17.515	ug/l	98
36) 1,1-Dichloropropene	5.78	75	50073	17.848	ug/l	95
37) Ethyl Acetate	4.82	43	57339	17.482	ug/l	97
38) Carbon Tetrachloride	5.77	117	51886	18.206	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	60047	17.779	ug/l	96
40) Benzene	6.13	78	156845	19.001	ug/l	97
41) Methacrylonitrile	5.03	41	32390	17.601	ug/l	94
42) 1,2-Dichloroethane	6.18	62	58393	18.629	ug/l	98
43) Isopropyl Acetate	6.43	43	93915	17.122	ug/l	97
44) Trichloroethene	7.21	130	40838	19.352	ug/l	93
45) 1,2-Dichloropropane	7.51	63	40804	19.308	ug/l	96
46) Dibromomethane	7.65	93	26462	18.390	ug/l	98
47) Bromodichloromethane	7.89	83	52090	18.113	ug/l	98
48) Methyl methacrylate	7.76	41	44784	17.028	ug/l	93
49) 1,4-Dioxane	7.73	88	20973	351.575	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	298140	88.055	ug/l	96
52) Toluene	8.78	92	100963	19.461	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	56339	17.707	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	62376	17.955	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	40599	19.683	ug/l	99
56) Ethyl methacrylate	9.17	69	61497	17.747	ug/l	92
57) 1,3-Dichloropropane	9.37	76	68141	18.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	156223	100.436	ug/l	100
59) 2-Hexanone	9.48	43	223948	86.411	ug/l	95
60) Dibromochloromethane	9.58	129	38831	18.597	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42550	19.822	ug/l	98
64) Tetrachloroethene	9.33	164	38562	21.089	ug/l	94
65) Chlorobenzene	10.14	112	105096	19.030	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37226	18.604	ug/l	97
67) Ethyl Benzene	10.24	91	187683	18.737	ug/l	98
68) m/p-Xylenes	10.35	106	141172	37.623	ug/l	98
69) o-Xylene	10.70	106	67834	18.683	ug/l	100
70) Styrene	10.71	104	117619	19.324	ug/l	97
71) Bromoform	10.85	173	24919	17.885	ug/l #	97
73) Isopropylbenzene	11.01	105	186047	18.871	ug/l	100
74) N-amyl acetate	10.89	43	75783	16.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	59903	18.346	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57474m	17.949	ug/l	
77) Bromobenzene	11.25	156	42466	19.031	ug/l	96
78) n-propylbenzene	11.35	91	202535	18.247	ug/l	100
79) 2-Chlorotoluene	11.42	91	122143	17.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	157757	19.081	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	16799	15.035	ug/l	99
82) 4-Chlorotoluene	11.51	91	141395	17.913	ug/l	100
83) tert-Butylbenzene	11.76	119	145258	18.213	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	156790	18.799	ug/l	99
85) sec-Butylbenzene	11.94	105	174876	18.852	ug/l	99
86) p-Isopropyltoluene	12.06	119	159581	19.066	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78922	19.654	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	77060	18.991	ug/l	99
89) n-Butylbenzene	12.38	91	130904	17.748	ug/l	100
90) Hexachloroethane	12.59	117	24952	16.721	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	76969	19.145	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13390	16.394	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45551	18.579	ug/l	98
94) Hexachlorobutadiene	13.78	225	20218	19.169	ug/l	99
95) Naphthalene	13.83	128	161360	18.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	45832	18.661	ug/l	97

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

