

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013103.D
 Acq On : 17 Oct 2019 13:38
 Operator : JC/SP
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:31 AM

Quant Time: Oct 18 08:50:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102720	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	81667	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	8.71	98	304487	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.14	95	115436	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	28268	17.141	ug/l	99
3) Chloromethane	1.32	50	30263	16.862	ug/l	97
4) Vinyl Chloride	1.40	62	30464	16.445	ug/l	98
5) Bromomethane	1.63	94	15792	20.507	ug/l	98
6) Chloroethane	1.72	64	20477	18.331	ug/l	98
7) Trichlorofluoromethane	1.92	101	47940	19.173	ug/l	99
8) Diethyl Ether	2.18	74	19167	18.992	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31654	19.561	ug/l	99
10) Methyl Iodide	2.50	142	29591	19.582	ug/l	98
11) Tert butyl alcohol	3.03	59	47522	88.651	ug/l	100
12) 1,1-Dichloroethene	2.36	96	29816	18.236	ug/l	97
13) Acrolein	2.28	56	36304	95.298	ug/l	99
14) Allyl chloride	2.72	41	52117	17.899	ug/l	98
15) Acrylonitrile	3.13	53	100701	99.128	ug/l	99
16) Acetone	2.44	43	102421	96.090	ug/l	99
17) Carbon Disulfide	2.56	76	68545	14.703	ug/l	100
18) Methyl Acetate	2.76	43	49033	19.408	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	114654	20.307	ug/l	96
20) Methylene Chloride	2.85	84	36553	18.660	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	32543	18.571	ug/l	96
22) Diisopropyl ether	3.84	45	107973	19.352	ug/l #	88
23) Vinyl Acetate	3.80	43	461068	95.728	ug/l	100
24) 1,1-Dichloroethane	3.69	63	61240	19.511	ug/l	98
25) 2-Butanone	4.65	43	141402	95.622	ug/l	99
26) 2,2-Dichloropropane	4.57	77	51938	19.678	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	38623	19.121	ug/l	99
28) Bromochloromethane	5.00	49	19324	20.335	ug/l	92
29) Tetrahydrofuran	5.12	42	86736	95.316	ug/l	97
30) Chloroform	5.20	83	64471	20.018	ug/l	98
31) Cyclohexane	5.57	56	52236	17.798	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	54918	20.125	ug/l	99
36) 1,1-Dichloropropene	5.79	75	43802	18.805	ug/l	97
37) Ethyl Acetate	4.82	43	50101	19.236	ug/l	99
38) Carbon Tetrachloride	5.77	117	44932	19.819	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	54541	19.308	ug/l	99
40) Benzene	6.13	78	138859	20.184	ug/l	98
41) Methacrylonitrile	5.03	41	29345	20.504	ug/l	98
42) 1,2-Dichloroethane	6.18	62	51723	20.953	ug/l	99
43) Isopropyl Acetate	6.43	43	83334	19.934	ug/l	99
44) Trichloroethene	7.20	130	36268	19.011	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35724	20.375	ug/l	98
46) Dibromomethane	7.65	93	24142	20.666	ug/l	98
47) Bromodichloromethane	7.89	83	46901	20.573	ug/l	98
48) Methyl methacrylate	7.76	41	39566	19.422	ug/l	98
49) 1,4-Dioxane	7.73	88	20259	392.663	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	264313	101.410	ug/l	99
52) Toluene	8.78	92	87577	19.898	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	50157	19.034	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	56389	20.111	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36447	20.926	ug/l	91
56) Ethyl methacrylate	9.17	69	57423	19.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61425	20.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	131364	102.666	ug/l	99
59) 2-Hexanone	9.48	43	204008	100.551	ug/l	100
60) Dibromochloromethane	9.57	129	35899	19.690	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38463	20.992	ug/l	100
64) Tetrachloroethene	9.33	164	34576	20.909	ug/l	95
65) Chlorobenzene	10.14	112	94703	20.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	35030	21.339	ug/l	100
67) Ethyl Benzene	10.25	91	165946	19.732	ug/l	98
68) m/p-Xylenes	10.35	106	126718	40.334	ug/l	99
69) o-Xylene	10.70	106	61670	20.129	ug/l	99
70) Styrene	10.71	104	105964	20.345	ug/l	99
71) Bromoform	10.85	173	23859	19.125	ug/l #	99
73) Isopropylbenzene	11.01	105	164798	19.591	ug/l	99
74) N-amyl acetate	10.89	43	67754	18.702	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	56011	20.019	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	51311m	20.219	ug/l	
77) Bromobenzene	11.25	156	38671	19.508	ug/l	99
78) n-propylbenzene	11.35	91	184852	19.970	ug/l	99
79) 2-Chlorotoluene	11.42	91	115814	19.909	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	139199	19.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15641	18.639	ug/l	94
82) 4-Chlorotoluene	11.51	91	130055	19.505	ug/l	98
83) tert-Butylbenzene	11.76	119	135205	19.733	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	138633	19.488	ug/l	98
85) sec-Butylbenzene	11.94	105	157324	19.819	ug/l	100
86) p-Isopropyltoluene	12.06	119	145751	19.797	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70190	19.068	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	72572	19.466	ug/l	99
89) n-Butylbenzene	12.39	91	120046	19.401	ug/l	99
90) Hexachloroethane	12.59	117	23073	18.322	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	71961	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12581	19.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42928	18.989	ug/l	99
94) Hexachlorobutadiene	13.78	225	21464	20.573	ug/l	97
95) Naphthalene	13.83	128	153493	19.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	44380	18.997	ug/l	99

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

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