

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013070.D
 Acq On : 15 Oct 2019 12:11
 Operator : JC/SP
 Sample : VX1015WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:58:03 AM

Quant Time: Oct 16 06:42:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	285280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121738	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	106560	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	83505	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
50) Toluene-d8	8.71	98	321907	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	122548	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	32866	18.188	ug/l	99
3) Chloromethane	1.32	50	34636	17.612	ug/l	99
4) Vinyl Chloride	1.40	62	35752	17.613	ug/l	99
5) Bromomethane	1.63	94	16603	19.677	ug/l	98
6) Chloroethane	1.72	64	23499	19.181	ug/l	98
7) Trichlorofluoromethane	1.92	101	53464	19.515	ug/l	100
8) Diethyl Ether	2.18	74	20794	18.804	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35274	19.894	ug/l	98
10) Methyl Iodide	2.50	142	33991	20.283	ug/l	99
11) Tert butyl alcohol	3.03	59	49421	84.139	ug/l	98
12) 1,1-Dichloroethene	2.36	96	33191	18.527	ug/l	94
13) Acrolein	2.28	56	33947	81.325	ug/l	100
14) Allyl chloride	2.72	41	56522	17.716	ug/l	99
15) Acrylonitrile	3.13	53	102693	92.257	ug/l	99
16) Acetone	2.43	43	98154	84.042	ug/l	99
17) Carbon Disulfide	2.56	76	79524	15.568	ug/l	100
18) Methyl Acetate	2.76	43	49153	17.756	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	119029	19.240	ug/l	96
20) Methylene Chloride	2.84	84	39108	18.220	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	35395	18.434	ug/l	97
22) Diisopropyl ether	3.84	45	116121	18.995	ug/l	# 87
23) Vinyl Acetate	3.80	43	487804	92.431	ug/l	100
24) 1,1-Dichloroethane	3.69	63	65113	18.932	ug/l	99
25) 2-Butanone	4.65	43	142125	87.714	ug/l	98
26) 2,2-Dichloropropane	4.58	77	53532	18.510	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	40834	18.449	ug/l	99
28) Bromochloromethane	5.00	49	20239	19.418	ug/l	97
29) Tetrahydrofuran	5.11	42	87825	88.081	ug/l	97
30) Chloroform	5.19	83	67493	19.126	ug/l	95
31) Cyclohexane	5.56	56	58080	18.060	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	57322	19.171	ug/l	99
36) 1,1-Dichloropropene	5.78	75	49154	19.597	ug/l	98
37) Ethyl Acetate	4.82	43	52460	18.705	ug/l	99
38) Carbon Tetrachloride	5.77	117	49720	20.366	ug/l	99

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39) Methylcyclohexane	7.45	83	60618	19.929	ug/l	96
40) Benzene	6.13	78	148054	19.986	ug/l	100
41) Methacrylonitrile	5.03	41	28797	18.686	ug/l	98
42) 1,2-Dichloroethane	6.18	62	54351	20.447	ug/l	99
43) Isopropyl Acetate	6.43	43	86422	19.198	ug/l	99
44) Trichloroethene	7.20	130	40404	19.668	ug/l	99
45) 1,2-Dichloropropane	7.50	63	38614	20.452	ug/l	99
46) Dibromomethane	7.65	93	25845	20.546	ug/l	99
47) Bromodichloromethane	7.89	83	49264	20.068	ug/l	99
48) Methyl methacrylate	7.76	41	40047	18.256	ug/l	97
49) 1,4-Dioxane	7.73	88	21345	384.954	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	269460	96.009	ug/l	99
52) Toluene	8.78	92	96113	20.280	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	52476	18.555	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59448	19.690	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38206	20.371	ug/l	98
56) Ethyl methacrylate	9.17	69	58989	18.752	ug/l	100
57) 1,3-Dichloropropane	9.37	76	64731	19.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	137279	99.635	ug/l	99
59) 2-Hexanone	9.48	43	205607	94.109	ug/l	99
60) Dibromochloromethane	9.57	129	38076	19.422	ug/l	98
61) 1,2-Dibromoethane	9.67	107	40200	20.375	ug/l	98
64) Tetrachloroethene	9.33	164	38474	21.523	ug/l	97
65) Chlorobenzene	10.14	112	100567	19.649	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	36729	20.698	ug/l	98
67) Ethyl Benzene	10.25	91	182199	20.041	ug/l	96
68) m/p-Xylenes	10.36	106	136771	40.271	ug/l	98
69) o-Xylene	10.70	106	68198	20.591	ug/l	96
70) Styrene	10.71	104	114677	20.367	ug/l	100
71) Bromoform	10.85	173	24854	18.543	ug/l #	100
73) Isopropylbenzene	11.01	105	183529	20.505	ug/l	99
74) N-amyl acetate	10.89	43	70211	18.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	58494	19.649	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	56329m	20.862	ug/l	
77) Bromobenzene	11.25	156	42849	20.316	ug/l	99
78) n-propylbenzene	11.35	91	196599	19.962	ug/l	100
79) 2-Chlorotoluene	11.42	91	123535	19.958	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	150269	20.107	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	16601	18.603	ug/l	95
82) 4-Chlorotoluene	11.51	91	136839	19.288	ug/l	100
83) tert-Butylbenzene	11.76	119	139705	19.163	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	149191	19.711	ug/l	98
85) sec-Butylbenzene	11.94	105	167686	19.853	ug/l	100
86) p-Isopropyltoluene	12.06	119	153800	19.634	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77468	19.779	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	77356	19.501	ug/l	100
89) n-Butylbenzene	12.39	91	130519	19.825	ug/l	98
90) Hexachloroethane	12.59	117	24948	18.585	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	76501	19.923	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12444	17.835	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.64	180	45079	18.741	ug/l	97
94) Hexachlorobutadiene	13.78	225	21535	19.400	ug/l	98
95) Naphthalene	13.83	128	153142	18.367	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	46258	18.610	ug/l	99

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

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