

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012890.D
 Acq On : 08 Oct 2019 15:30
 Operator : JC/SP
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:33 AM

Quant Time: Oct 09 03:03:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128133	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	114358	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
35) Dibromofluoromethane	5.48	113	90700	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	8.71	98	348974	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.14	95	134924	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	40152	20.761	ug/l	99
3) Chloromethane	1.32	50	41134	19.543	ug/l	93
4) Vinyl Chloride	1.40	62	42101	19.380	ug/l	95
5) Bromomethane	1.63	94	20526	22.729	ug/l	95
6) Chloroethane	1.72	64	25693	19.587	ug/l	99
7) Trichlorofluoromethane	1.92	101	58491	19.948	ug/l	97
8) Diethyl Ether	2.18	74	23962	20.246	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38400	20.235	ug/l	100
10) Methyl Iodide	2.50	142	28473	16.980	ug/l	99
11) Tert butyl alcohol	3.03	59	57105	90.839	ug/l	97
12) 1,1-Dichloroethene	2.36	96	38241	19.945	ug/l	96
13) Acrolein	2.28	56	36876	82.543	ug/l	100
14) Allyl chloride	2.72	41	68884	20.174	ug/l	97
15) Acrylonitrile	3.13	53	117478	98.612	ug/l	99
16) Acetone	2.43	43	119183	95.349	ug/l	99
17) Carbon Disulfide	2.56	76	103679	18.964	ug/l	100
18) Methyl Acetate	2.76	43	55856	18.853	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	135488	20.463	ug/l	100
20) Methylene Chloride	2.84	84	43955	19.134	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	41143	20.021	ug/l	96
22) Diisopropyl ether	3.84	45	134991	20.632	ug/l	97
23) Vinyl Acetate	3.80	43	582238	103.083	ug/l	99
24) 1,1-Dichloroethane	3.69	63	74254	20.173	ug/l	100
25) 2-Butanone	4.65	43	167673	96.688	ug/l	97
26) 2,2-Dichloropropane	4.58	77	63006	20.356	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	47105	19.886	ug/l	98
28) Bromochloromethane	5.00	49	23925	21.494	ug/l	98
29) Tetrahydrofuran	5.11	42	103369	96.865	ug/l	99
30) Chloroform	5.20	83	75353	19.951	ug/l	97
31) Cyclohexane	5.56	56	70849	20.585	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	66071	20.646	ug/l	97
36) 1,1-Dichloropropene	5.79	75	58123	21.027	ug/l	99
37) Ethyl Acetate	4.82	43	62686	20.281	ug/l	100
38) Carbon Tetrachloride	5.77	117	55284	20.548	ug/l	99

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39) Methylcyclohexane	7.45	83	71884	21.444	ug/l	99
40) Benzene	6.13	78	171366	20.990	ug/l	100
41) Methacrylonitrile	5.03	41	33320	19.618	ug/l	98
42) 1,2-Dichloroethane	6.18	62	60508	20.655	ug/l	99
43) Isopropyl Acetate	6.43	43	101194	20.398	ug/l	100
44) Trichloroethene	7.20	130	44430	19.625	ug/l	93
45) 1,2-Dichloropropane	7.50	63	43549	20.930	ug/l	99
46) Dibromomethane	7.65	93	28924	20.864	ug/l	98
47) Bromodichloromethane	7.89	83	55550	20.533	ug/l	96
48) Methyl methacrylate	7.76	41	48903	20.229	ug/l	99
49) 1,4-Dioxane	7.73	88	23107	378.762	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	311466	100.699	ug/l	100
52) Toluene	8.78	92	108289	20.733	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	61795	19.678	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	67342	20.239	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42709	20.663	ug/l	98
56) Ethyl methacrylate	9.17	69	68034	19.539	ug/l	98
57) 1,3-Dichloropropane	9.37	76	73136	20.455	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	161400	106.294	ug/l	99
59) 2-Hexanone	9.48	43	241734	100.399	ug/l	99
60) Dibromochloromethane	9.57	129	41395	19.185	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45272	20.821	ug/l	97
64) Tetrachloroethene	9.33	164	41414	21.185	ug/l	94
65) Chlorobenzene	10.14	112	113134	20.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	39904	20.562	ug/l	99
67) Ethyl Benzene	10.25	91	207959	20.917	ug/l	98
68) m/p-Xylenes	10.35	106	155406	41.841	ug/l	100
69) o-Xylene	10.70	106	76013	20.987	ug/l	98
70) Styrene	10.71	104	128797	20.917	ug/l	99
71) Bromoform	10.85	173	27226	18.569	ug/l #	100
73) Isopropylbenzene	11.01	105	201302	21.368	ug/l	99
74) N-amyl acetate	10.89	43	83831	20.662	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	63512	20.270	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54229m	19.081	ug/l	
77) Bromobenzene	11.25	156	46858	21.108	ug/l	99
78) n-propylbenzene	11.35	91	217350	20.967	ug/l	99
79) 2-Chlorotoluene	11.42	91	134851	20.699	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	168116	21.372	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19049	19.912	ug/l	96
82) 4-Chlorotoluene	11.51	91	157552	21.099	ug/l	98
83) tert-Butylbenzene	11.76	119	159925	20.841	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	167902	21.075	ug/l	98
85) sec-Butylbenzene	11.94	105	192422	21.645	ug/l	98
86) p-Isopropyltoluene	12.06	119	175014	21.227	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82942	20.120	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	84345	20.202	ug/l	98
89) n-Butylbenzene	12.39	91	149612	21.591	ug/l	97
90) Hexachloroethane	12.59	117	27907	19.619	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	82136	20.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14580	19.853	ug/l	93

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93) 1,2,4-Trichlorobenzene	13.64	180	51609	20.385	ug/l	99
94) Hexachlorobutadiene	13.78	225	23547	20.154	ug/l	99
95) Naphthalene	13.83	128	176711	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51273	19.598	ug/l	98

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

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