

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012906.D
 Acq On : 08 Oct 2019 22:29
 Operator : JC/SP
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:10 AM

Quant Time: Oct 09 07:18:40 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	173633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	115691	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.49	113	91636	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.71	98	352324	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.14	95	132043	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36090	20.391	ug/l	99
3) Chloromethane	1.32	50	39627	20.573	ug/l	99
4) Vinyl Chloride	1.40	62	39672	19.955	ug/l	98
5) Bromomethane	1.63	94	20435	24.727	ug/l	98
6) Chloroethane	1.72	64	24560	20.443	ug/l	95
7) Trichlorofluoromethane	1.92	101	54457	20.294	ug/l	97
8) Diethyl Ether	2.18	74	21697	20.032	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34125	19.650	ug/l	99
10) Methyl Iodide	2.50	142	28369	18.035	ug/l	100
11) Tert butyl alcohol	3.03	59	55842	97.066	ug/l	96
12) 1,1-Dichloroethene	2.36	96	34679	19.764	ug/l	96
13) Acrolein	2.28	56	36506	89.292	ug/l	99
14) Allyl chloride	2.72	41	61406	19.651	ug/l	99
15) Acrylonitrile	3.13	53	111043	101.853	ug/l	99
16) Acetone	2.43	43	96893	84.704	ug/l	100
17) Carbon Disulfide	2.56	76	92073	18.403	ug/l	98
18) Methyl Acetate	2.76	43	56531	20.850	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	126971	20.954	ug/l	99
20) Methylene Chloride	2.85	84	40292	19.166	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	38479	20.460	ug/l	99
22) Diisopropyl ether	3.84	45	126365	21.104	ug/l	91
23) Vinyl Acetate	3.80	43	523615	101.299	ug/l	99
24) 1,1-Dichloroethane	3.69	63	69386	20.598	ug/l	99
25) 2-Butanone	4.66	43	155552	98.016	ug/l	98
26) 2,2-Dichloropropane	4.57	77	48331	17.062	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	43611	20.118	ug/l	100
28) Bromochloromethane	5.00	49	23272	22.875	ug/l	99
29) Tetrahydrofuran	5.12	42	99801	102.193	ug/l	100
30) Chloroform	5.20	83	69747	20.179	ug/l	100
31) Cyclohexane	5.57	56	62892	19.967	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	60752	20.744	ug/l	98
36) 1,1-Dichloropropene	5.79	75	51790	19.487	ug/l	99
37) Ethyl Acetate	4.82	43	59172	19.912	ug/l	99
38) Carbon Tetrachloride	5.78	117	49572	19.164	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61503	19.083	ug/l	100
40) Benzene	6.14	78	159290	20.293	ug/l	99
41) Methacrylonitrile	5.03	41	31868	19.516	ug/l	99
42) 1,2-Dichloroethane	6.18	62	56066	19.906	ug/l	100
43) Isopropyl Acetate	6.43	43	95111	19.940	ug/l	99
44) Trichloroethene	7.20	130	41182	18.920	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41086	20.537	ug/l	98
46) Dibromomethane	7.65	93	26155	19.623	ug/l	99
47) Bromodichloromethane	7.89	83	50662	19.477	ug/l	99
48) Methyl methacrylate	7.76	41	45671	19.649	ug/l	98
49) 1,4-Dioxane	7.73	88	22374	381.199	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	298999	100.543	ug/l	100
52) Toluene	8.78	92	98325	19.580	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54974	18.370	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	60292	18.846	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	39024	19.637	ug/l	97
56) Ethyl methacrylate	9.17	69	63428	19.002	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68578	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	149493	102.399	ug/l	100
59) 2-Hexanone	9.48	43	226974	98.048	ug/l	99
60) Dibromochloromethane	9.57	129	37427	18.152	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41465	19.835	ug/l	98
64) Tetrachloroethene	9.33	164	37847	20.453	ug/l	95
65) Chlorobenzene	10.14	112	104129	19.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36988	20.136	ug/l	98
67) Ethyl Benzene	10.25	91	191220	20.320	ug/l	98
68) m/p-Xylenes	10.35	106	141654	40.292	ug/l	98
69) o-Xylene	10.70	106	68892	20.095	ug/l	100
70) Styrene	10.71	104	117032	20.080	ug/l	99
71) Bromoform	10.85	173	24799	17.987	ug/l #	98
73) Isopropylbenzene	11.01	105	184740	20.446	ug/l	99
74) N-amyl acetate	10.89	43	76331	19.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60437	20.110	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	50200m	18.416	ug/l	
77) Bromobenzene	11.25	156	41621	19.547	ug/l	94
78) n-propylbenzene	11.35	91	203544	20.472	ug/l	97
79) 2-Chlorotoluene	11.42	91	125550	20.092	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	153824	20.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15841	17.807	ug/l	95
82) 4-Chlorotoluene	11.51	91	146907	20.512	ug/l	99
83) tert-Butylbenzene	11.76	119	147146	19.993	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	158446	20.736	ug/l	99
85) sec-Butylbenzene	11.94	105	175040	20.528	ug/l	99
86) p-Isopropyltoluene	12.06	119	158408	20.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77146	19.511	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76402	19.079	ug/l	99
89) n-Butylbenzene	12.39	91	131249	19.747	ug/l	97
90) Hexachloroethane	12.59	117	25198	18.593	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	77151	19.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13441	19.082	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44736	18.423	ug/l	99
94) Hexachlorobutadiene	13.78	225	21312	19.018	ug/l	96
95) Naphthalene	13.83	128	163701	19.448	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	46327	18.462	ug/l	100

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

