

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013551.D
 Acq On : 22 Nov 2019 22:57
 Operator : JC/SP
 Sample : VX1122WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:39:48 AM

Quant Time: Nov 23 01:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	633769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	426373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	349634	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
35) Dibromofluoromethane	5.49	113	278330	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1084969	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	388517	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	119580	16.376	ug/l	100
3) Chloromethane	1.32	50	138038	17.432	ug/l	99
4) Vinyl Chloride	1.40	62	160721	17.828	ug/l	97
5) Bromomethane	1.63	94	99509	15.839	ug/l	100
6) Chloroethane	1.72	64	93176	17.301	ug/l	99
7) Trichlorofluoromethane	1.92	101	185849	17.449	ug/l	99
8) Diethyl Ether	2.18	74	88885	18.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115158	19.398	ug/l	100
10) Methyl Iodide	2.50	142	118230	16.086	ug/l	98
11) Tert butyl alcohol	3.03	59	171492	86.657	ug/l	98
12) 1,1-Dichloroethene	2.36	96	111351	19.154	ug/l	96
13) Acrolein	2.28	56	89073	83.048	ug/l	98
14) Allyl chloride	2.72	41	199739	18.910	ug/l	95
15) Acrylonitrile	3.13	53	389010	105.234	ug/l	99
16) Acetone	2.43	43	370678	98.979	ug/l	97
17) Carbon Disulfide	2.56	76	250151	16.077	ug/l	100
18) Methyl Acetate	2.76	43	240153	23.227	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	406294	20.954	ug/l	99
20) Methylene Chloride	2.84	84	132541	19.155	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	121810	19.244	ug/l	99
22) Diisopropyl ether	3.84	45	426505	20.915	ug/l	91
23) Vinyl Acetate	3.80	43	858204	49.181	ug/l	98
24) 1,1-Dichloroethane	3.69	63	232415	20.373	ug/l	99
25) 2-Butanone	4.65	43	559701	101.875	ug/l	99
26) 2,2-Dichloropropane	4.58	77	148513	16.365	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	147389	20.786	ug/l	97
28) Bromochloromethane	5.00	49	69560	21.475	ug/l	98
29) Tetrahydrofuran	5.11	42	349921	103.354	ug/l	100
30) Chloroform	5.20	83	225246	19.996	ug/l	99
31) Cyclohexane	5.57	56	188954	18.407	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	189429	19.540	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163330	19.699	ug/l	100
37) Ethyl Acetate	4.82	43	203672	19.880	ug/l	99
38) Carbon Tetrachloride	5.78	117	157744	19.456	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	189457	18.339	ug/l	96
40) Benzene	6.13	78	516263	19.989	ug/l	99
41) Methacrylonitrile	5.03	41	113798	19.817	ug/l	98
42) 1,2-Dichloroethane	6.19	62	186230	19.990	ug/l	99
43) Isopropyl Acetate	6.44	43	325705	20.416	ug/l	97
44) Trichloroethene	7.20	130	153916	21.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137342	20.871	ug/l	96
46) Dibromomethane	7.65	93	90187	20.072	ug/l	98
47) Bromodichloromethane	7.89	83	172423	20.351	ug/l	96
48) Methyl methacrylate	7.76	41	161360	20.262	ug/l	97
49) 1,4-Dioxane	7.73	88	64302	352.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1077384	102.932	ug/l	98
52) Toluene	8.78	92	328045	20.493	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181697	19.612	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	202890	19.577	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	138190	20.828	ug/l	99
56) Ethyl methacrylate	9.17	69	215787	20.018	ug/l	97
57) 1,3-Dichloropropane	9.37	76	234291	20.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	425731	93.843	ug/l	99
59) 2-Hexanone	9.48	43	844241	104.374	ug/l	99
60) Dibromochloromethane	9.57	129	137047	20.196	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141967	20.150	ug/l	99
64) Tetrachloroethene	9.33	164	212380	34.121	ug/l	98
65) Chlorobenzene	10.14	112	354507	20.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135663	20.990	ug/l	98
67) Ethyl Benzene	10.25	91	612510	20.161	ug/l	99
68) m/p-Xylenes	10.36	106	465253	40.493	ug/l	99
69) o-Xylene	10.70	106	227501	20.225	ug/l	100
70) Styrene	10.71	104	385407	20.496	ug/l	100
71) Bromoform	10.86	173	104433	19.513	ug/l #	98
73) Isopropylbenzene	11.01	105	618149	21.867	ug/l	100
74) N-amyl acetate	10.89	43	280555	21.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192424	18.658	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177525m	20.499	ug/l	
77) Bromobenzene	11.25	156	160990	21.362	ug/l	97
78) n-propylbenzene	11.35	91	674298	21.413	ug/l	99
79) 2-Chlorotoluene	11.42	91	405201	21.357	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	509497	21.638	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60044	17.846	ug/l	95
82) 4-Chlorotoluene	11.51	91	460439	20.732	ug/l	99
83) tert-Butylbenzene	11.76	119	436908	18.432	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	515707	21.833	ug/l	99
85) sec-Butylbenzene	11.94	105	588095	21.588	ug/l	99
86) p-Isopropyltoluene	12.06	119	537657	21.433	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	278308	20.718	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	275514	20.130	ug/l	99
89) n-Butylbenzene	12.39	91	449763	20.548	ug/l	100
90) Hexachloroethane	12.59	117	89541	20.034	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	285499	21.261	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46282	18.420	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	193135	20.620	ug/l	98
94) Hexachlorobutadiene	13.78	225	91963	20.068	ug/l	98
95) Naphthalene	13.83	128	601264	20.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	195447	20.807	ug/l	98

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

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