

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014462.D
 Acq On : 08 Jan 2020 11:32
 Operator : JC/SP
 Sample : VX0108WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Manual Integrations
 APPROVED

apatel
 1/9/2020 2:33:39 PM

Quant Time: Jan 08 13:39:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	880565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	791846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	401580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	325809	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.48	113	266721	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	1071191	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.13	95	377018	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	156342	21.347	ug/l	98
3) Chloromethane	1.32	50	156514	20.673	ug/l	100
4) Vinyl Chloride	1.40	62	180857	21.437	ug/l	96
5) Bromomethane	1.63	94	103729	18.549	ug/l	99
6) Chloroethane	1.72	64	98769	20.731	ug/l	99
7) Trichlorofluoromethane	1.92	101	197673	20.655	ug/l	96
8) Diethyl Ether	2.18	74	85046	19.479	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120032	20.616	ug/l	98
10) Methyl Iodide	2.50	142	120680	17.310	ug/l	99
11) Tert butyl alcohol	3.03	59	140354	101.380	ug/l	100
12) 1,1-Dichloroethene	2.37	96	116819	19.914	ug/l	98
13) Acrolein	2.28	56	83005	74.802	ug/l	96
14) Allyl chloride	2.72	41	204049	19.812	ug/l	99
15) Acrylonitrile	3.13	53	333115	99.694	ug/l	99
16) Acetone	2.43	43	345781	101.527	ug/l	100
17) Carbon Disulfide	2.56	76	314035	19.186	ug/l	99
18) Methyl Acetate	2.76	43	200667	21.057	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	382649	20.320	ug/l	97
20) Methylene Chloride	2.85	84	129541	19.421	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	124949	19.511	ug/l	98
22) Diisopropyl ether	3.84	45	411386	20.669	ug/l	94
23) Vinyl Acetate	3.80	43	1595350	103.531	ug/l	100
24) 1,1-Dichloroethane	3.69	63	221639	20.471	ug/l	98
25) 2-Butanone	4.65	43	493985	99.738	ug/l	99
26) 2,2-Dichloropropane	4.57	77	184131	20.075	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	140883	19.679	ug/l	99
28) Bromochloromethane	5.00	49	95679	20.972	ug/l	96
29) Tetrahydrofuran	5.11	42	299343	102.224	ug/l	99
30) Chloroform	5.20	83	214568	20.280	ug/l	99
31) Cyclohexane	5.57	56	212682	20.986	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	183506	20.263	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165177	19.947	ug/l	99
37) Ethyl Acetate	4.81	43	183318	20.380	ug/l	99
38) Carbon Tetrachloride	5.77	117	158894	20.851	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218572	21.009	ug/l	98
40) Benzene	6.13	78	506601	20.612	ug/l	99
41) Methacrylonitrile	5.03	41	101301	21.119	ug/l	99
42) 1,2-Dichloroethane	6.18	62	172265	20.046	ug/l	99
43) Isopropyl Acetate	6.43	43	302050	20.787	ug/l	99
44) Trichloroethene	7.20	130	143007	20.247	ug/l	100
45) 1,2-Dichloropropane	7.50	63	130860	20.884	ug/l	98
46) Dibromomethane	7.65	93	83974	19.201	ug/l	99
47) Bromodichloromethane	7.89	83	165256	20.766	ug/l	98
48) Methyl methacrylate	7.76	41	146683	21.077	ug/l	100
49) 1,4-Dioxane	7.73	88	60477	410.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	930615	105.102	ug/l	99
52) Toluene	8.78	92	318784	20.262	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	184200	19.882	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204723	20.455	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	127763	20.218	ug/l	97
56) Ethyl methacrylate	9.17	69	200565	20.716	ug/l	99
57) 1,3-Dichloropropane	9.37	76	217099	20.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	310783	94.348	ug/l	98
59) 2-Hexanone	9.48	43	734826	104.885	ug/l	98
60) Dibromochloromethane	9.57	129	130115	20.485	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133918	20.006	ug/l	100
64) Tetrachloroethene	9.33	164	155668	19.615	ug/l	98
65) Chlorobenzene	10.13	112	345661	20.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	124389	20.283	ug/l	98
67) Ethyl Benzene	10.25	91	615646	21.019	ug/l	98
68) m/p-Xylenes	10.36	106	462445	40.925	ug/l	98
69) o-Xylene	10.70	106	225516	20.917	ug/l	100
70) Styrene	10.71	104	383397	20.606	ug/l	99
71) Bromoform	10.85	173	100545	20.039	ug/l	99
73) Isopropylbenzene	11.01	105	598943	21.239	ug/l	99
74) N-amyl acetate	10.89	43	261571	21.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	190436	21.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157801m	18.992	ug/l	
77) Bromobenzene	11.25	156	156932	20.067	ug/l	98
78) n-propylbenzene	11.35	91	685698	21.232	ug/l	100
79) 2-Chlorotoluene	11.42	91	403168	20.946	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	499479	21.334	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62144	19.774	ug/l	96
82) 4-Chlorotoluene	11.51	91	462975	20.492	ug/l	99
83) tert-Butylbenzene	11.76	119	470428	21.266	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	507384	21.447	ug/l	99
85) sec-Butylbenzene	11.94	105	584347	21.249	ug/l	99
86) p-Isopropyltoluene	12.06	119	544114	21.322	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275023	19.596	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	281094	20.978	ug/l	99
89) n-Butylbenzene	12.39	91	465464	19.949	ug/l	99
90) Hexachloroethane	12.59	117	90795	20.255	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	276832	20.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40569	19.943	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	193593	19.993	ug/l	99
94) Hexachlorobutadiene	13.78	225	90133	19.978	ug/l	97
95) Naphthalene	13.83	128	574339	19.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	190823	19.985	ug/l	99

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

