

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015158.D
 Acq On : 10 Mar 2020 10:14
 Operator : JC/SP
 Sample : VX0310WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:21:24 PM

Quant Time: Mar 11 07:43:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	343826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	206946	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.48	113	171909	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	658800	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.13	95	233065	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59016	19.602	ug/l	99
3) Chloromethane	1.32	50	80642	18.909	ug/l	99
4) Vinyl Chloride	1.41	62	84266	19.485	ug/l	99
5) Bromomethane	1.64	94	51481	19.363	ug/l	95
6) Chloroethane	1.72	64	52172	20.111	ug/l	95
7) Trichlorofluoromethane	1.93	101	103338	20.082	ug/l	95
8) Diethyl Ether	2.18	74	46892	20.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65257	20.157	ug/l	97
10) Methyl Iodide	2.50	142	57241	15.650	ug/l	99
11) Tert butyl alcohol	3.03	59	70566	99.710	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64006	19.156	ug/l	93
13) Acrolein	2.28	56	65343	98.248	ug/l	100
14) Allyl chloride	2.72	41	112991	19.395	ug/l	99
15) Acrylonitrile	3.13	53	177389	100.647	ug/l	98
16) Acetone	2.44	43	173982	105.320	ug/l	99
17) Carbon Disulfide	2.56	76	168061	18.112	ug/l	99
18) Methyl Acetate	2.76	43	81062	20.068	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	206531	19.781	ug/l	98
20) Methylene Chloride	2.85	84	73046	18.894	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69274	19.417	ug/l	97
22) Diisopropyl ether	3.84	45	234084	20.167	ug/l	99
23) Vinyl Acetate	3.80	43	967164	101.367	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125093	19.418	ug/l	99
25) 2-Butanone	4.66	43	248897	102.916	ug/l	98
26) 2,2-Dichloropropane	4.57	77	97800	19.124	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	76434	19.097	ug/l	98
28) Bromochloromethane	5.00	49	58075	19.797	ug/l	96
29) Tetrahydrofuran	5.12	42	151819	97.385	ug/l	98
30) Chloroform	5.20	83	126516	20.150	ug/l	99
31) Cyclohexane	5.57	56	109774	19.104	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	104136	20.008	ug/l	97
36) 1,1-Dichloropropene	5.79	75	92521	19.425	ug/l	98
37) Ethyl Acetate	4.82	43	94154	21.311	ug/l	97
38) Carbon Tetrachloride	5.77	117	87512	19.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111081	19.973	ug/l	99
40) Benzene	6.14	78	283388	20.054	ug/l	98
41) Methacrylonitrile	5.03	41	52903	19.935	ug/l	96
42) 1,2-Dichloroethane	6.18	62	102210	21.062	ug/l	98
43) Isopropyl Acetate	6.43	43	156247	20.103	ug/l	99
44) Trichloroethene	7.20	130	78747	20.010	ug/l	95
45) 1,2-Dichloropropane	7.50	63	74718	20.428	ug/l	100
46) Dibromomethane	7.65	93	48303	20.267	ug/l	97
47) Bromodichloromethane	7.89	83	95891	20.346	ug/l	99
48) Methyl methacrylate	7.76	41	75392	19.058	ug/l	98
49) 1,4-Dioxane	7.74	88	33085	386.822	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	482704	105.039	ug/l	100
52) Toluene	8.78	92	176643	20.444	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	102356	20.404	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	115509	20.368	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	72230	20.310	ug/l	99
56) Ethyl methacrylate	9.17	69	103774	20.458	ug/l	99
57) 1,3-Dichloropropane	9.37	76	122452	20.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	271713	98.325	ug/l	100
59) 2-Hexanone	9.48	43	360430	105.819	ug/l	100
60) Dibromochloromethane	9.57	129	74620	19.975	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74526	19.952	ug/l	100
64) Tetrachloroethene	9.33	164	79442	20.100	ug/l	97
65) Chlorobenzene	10.14	112	190845	19.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	71559	19.775	ug/l	98
67) Ethyl Benzene	10.25	91	334204	20.508	ug/l	100
68) m/p-Xylenes	10.35	106	255287	41.174	ug/l	99
69) o-Xylene	10.70	106	122050	20.560	ug/l	100
70) Styrene	10.71	104	206677	20.305	ug/l	100
71) Bromoform	10.85	173	55823	19.893	ug/l #	100
73) Isopropylbenzene	11.01	105	329550	20.774	ug/l	100
74) N-amyl acetate	10.89	43	130603	19.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	107212	20.279	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	87398m	17.644	ug/l	
77) Bromobenzene	11.25	156	87584	19.811	ug/l	98
78) n-propylbenzene	11.35	91	377941	20.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	223979	20.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	276573	20.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31173	17.860	ug/l	89
82) 4-Chlorotoluene	11.51	91	260982	20.410	ug/l	100
83) tert-Butylbenzene	11.76	119	258699	20.260	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	275501	20.767	ug/l	99
85) sec-Butylbenzene	11.94	105	321126	20.833	ug/l	100
86) p-Isopropyltoluene	12.06	119	295987	20.842	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	155377	19.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	153101	19.081	ug/l	99
89) n-Butylbenzene	12.38	91	255629	20.238	ug/l	100
90) Hexachloroethane	12.59	117	51249	19.088	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	150563	19.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20880	19.723	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	105857	19.737	ug/l	99
94) Hexachlorobutadiene	13.78	225	52880	19.213	ug/l	99
95) Naphthalene	13.83	128	293261	18.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106359	19.875	ug/l	98

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

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