

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120720\
 Data File : VX019748.D
 Acq On : 07 Dec 2020 13:29
 Operator : JC/MD
 Sample : VX1207WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:07 PM

Quant Time: Dec 08 06:04:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	304851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	483163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	443822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181510	45.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.60%
35) Dibromofluoromethane	5.46	113	148954	47.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.40%
50) Toluene-d8	8.69	98	578862	48.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.12%
62) 4-Bromofluorobenzene	11.12	95	215746	47.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	54421	19.498	ug/l 99
3) Chloromethane	1.31	50	58262	17.750	ug/l 98
4) Vinyl Chloride	1.39	62	65256	18.855	ug/l 99
5) Bromomethane	1.62	94	39971	34.781	ug/l 99
6) Chloroethane	1.71	64	41538	19.979	ug/l 99
7) Trichlorofluoromethane	1.92	101	91508	18.985	ug/l 97
8) Diethyl Ether	2.17	74	37661	18.438	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52383	18.960	ug/l 99
10) Methyl Iodide	2.49	142	66830	16.411	ug/l 100
11) Tert butyl alcohol	3.01	59	75602	90.112	ug/l 99
12) 1,1-Dichloroethene	2.36	96	53050	18.993	ug/l 99
13) Acrolein	2.27	56	42206	95.433	ug/l 98
14) Allyl chloride	2.70	41	85970	18.224	ug/l 99
15) Acrylonitrile	3.11	53	164109	90.603	ug/l 100
16) Acetone	2.42	43	134933	89.597	ug/l 99
17) Carbon Disulfide	2.55	76	140149	17.487	ug/l 100
18) Methyl Acetate	2.75	43	67154	18.222	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	191774	18.853	ug/l 99
20) Methylene Chloride	2.83	84	65833	18.245	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	61098	18.763	ug/l 98
22) Diisopropyl ether	3.82	45	180821	18.959	ug/l 99
23) Vinyl Acetate	3.78	43	764883	94.132	ug/l 100
24) 1,1-Dichloroethane	3.67	63	107489	18.689	ug/l 99
25) 2-Butanone	4.62	43	207766	89.782	ug/l 100
26) 2,2-Dichloropropane	4.54	77	91769	18.528	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71016	18.636	ug/l 99
28) Bromochloromethane	4.97	49	48489	17.685	ug/l 99
29) Tetrahydrofuran	5.08	42	132305	88.738	ug/l 99
30) Chloroform	5.17	83	112016	18.941	ug/l 99
31) Cyclohexane	5.54	56	94357	18.932	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	95765	18.804	ug/l 100
36) 1,1-Dichloropropene	5.76	75	82827	18.971	ug/l 99
37) Ethyl Acetate	4.78	43	80940	18.361	ug/l 100
38) Carbon Tetrachloride	5.74	117	82290	19.247	ug/l 99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	99199	19.339	ug/l	99
40) Benzene	6.10	78	256940	19.265	ug/l	100
41) Methacrylonitrile	5.00	41	44067	18.207	ug/l	98
42) 1,2-Dichloroethane	6.15	62	88308	19.379	ug/l	100
43) Isopropyl Acetate	6.40	43	131594	18.361	ug/l	99
44) Trichloroethene	7.18	130	65492	18.716	ug/l	99
45) 1,2-Dichloropropane	7.48	63	63776	19.133	ug/l	100
46) Dibromomethane	7.63	93	43345	19.256	ug/l	100
47) Bromodichloromethane	7.87	83	85346	19.107	ug/l	98
48) Methyl methacrylate	7.74	41	65171	18.489	ug/l	100
49) 1,4-Dioxane	7.71	88	30984	362.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	405740	92.728	ug/l	100
52) Toluene	8.76	92	161063	19.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	93171	18.797	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	102568	19.047	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	65084	19.362	ug/l	98
56) Ethyl methacrylate	9.15	69	95012	18.682	ug/l	99
57) 1,3-Dichloropropane	9.35	76	109615	19.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	260975	96.863	ug/l	99
59) 2-Hexanone	9.47	43	307016	90.520	ug/l	100
60) Dibromochloromethane	9.56	129	66239	19.395	ug/l	99
61) 1,2-Dibromoethane	9.65	107	68025	19.057	ug/l	99
64) Tetrachloroethene	9.32	164	58426	19.630	ug/l	97
65) Chlorobenzene	10.12	112	170216	19.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	61786	19.414	ug/l	99
67) Ethyl Benzene	10.23	91	305047	19.436	ug/l	100
68) m/p-Xylenes	10.34	106	229661	38.832	ug/l	99
69) o-Xylene	10.68	106	110244	19.378	ug/l	100
70) Styrene	10.70	104	186012	19.371	ug/l	99
71) Bromoform	10.84	173	46941	18.749	ug/l #	100
73) Isopropylbenzene	11.00	105	297261	19.999	ug/l	99
74) N-amyl acetate	10.88	43	108532	18.221	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	101278	19.326	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	94468m	19.360	ug/l	
77) Bromobenzene	11.24	156	74277	19.527	ug/l	99
78) n-propylbenzene	11.34	91	339698	20.010	ug/l	100
79) 2-Chlorotoluene	11.40	91	204411	19.552	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	248681	19.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	31378	18.589	ug/l	97
82) 4-Chlorotoluene	11.49	91	238406	19.471	ug/l	99
83) tert-Butylbenzene	11.75	119	244564	19.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	254243	20.120	ug/l	100
85) sec-Butylbenzene	11.93	105	278749	19.844	ug/l	99
86) p-Isopropyltoluene	12.05	119	258226	20.059	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133055	19.058	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	134392	18.900	ug/l	98
89) n-Butylbenzene	12.37	91	221134	19.388	ug/l	100
90) Hexachloroethane	12.58	117	42738	19.229	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	132767	19.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20544	18.236	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83358	18.816	ug/l	99
94) Hexachlorobutadiene	13.76	225	37034	18.703	ug/l	99
95) Naphthalene	13.82	128	272367	18.964	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	82898	19.147	ug/l	98

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

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