

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018164.D
 Acq On : 31 Aug 2020 22:44
 Operator : JC/SP
 Sample : VX0831WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:19 AM

Quant Time: Sep 01 07:11:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	451385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	713749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	688994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358230	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	308918	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	5.46	113	243394	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.70	98	862950	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.12	95	337466	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	111852	20.353	ug/l	98
3) Chloromethane	1.31	50	108105	18.658	ug/l	97
4) Vinyl Chloride	1.39	62	105544	18.299	ug/l	99
5) Bromomethane	1.63	94	74223	26.680	ug/l	100
6) Chloroethane	1.72	64	62128	20.055	ug/l	97
7) Trichlorofluoromethane	1.92	101	177228	22.535	ug/l	99
8) Diethyl Ether	2.17	74	53838	20.186	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	86197	20.273	ug/l	96
10) Methyl Iodide	2.49	142	86370	22.266	ug/l	97
11) Tert butyl alcohol	3.02	59	111871	91.817	ug/l	100
12) 1,1-Dichloroethene	2.36	96	86203	19.542	ug/l	99
13) Acrolein	2.28	56	33664	66.634	ug/l	97
14) Allyl chloride	2.71	41	155241	19.588	ug/l	98
15) Acrylonitrile	3.12	53	264300	95.628	ug/l	99
16) Acetone	2.42	43	235992	96.648	ug/l	95
17) Carbon Disulfide	2.55	76	242515	18.186	ug/l	97
18) Methyl Acetate	2.75	43	127216	21.590	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	304451	20.125	ug/l	97
20) Methylene Chloride	2.84	84	100493	19.414	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	94203	19.276	ug/l	94
22) Diisopropyl ether	3.82	45	311478	19.913	ug/l	# 86
23) Vinyl Acetate	3.79	43	1354875	97.345	ug/l	99
24) 1,1-Dichloroethane	3.67	63	175886	19.753	ug/l	98
25) 2-Butanone	4.64	43	368181	91.748	ug/l	99
26) 2,2-Dichloropropane	4.55	77	125539	17.328	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	106280	18.874	ug/l	98
28) Bromochloromethane	4.98	49	75510	17.569	ug/l	98
29) Tetrahydrofuran	5.09	42	233478	91.396	ug/l	95
30) Chloroform	5.18	83	185962	20.170	ug/l	95
31) Cyclohexane	5.56	56	141710	18.894	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	173397	20.494	ug/l	99
36) 1,1-Dichloropropene	5.77	75	130272	19.788	ug/l	99
37) Ethyl Acetate	4.80	43	146709	19.188	ug/l	99
38) Carbon Tetrachloride	5.76	117	161011	21.702	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	139893	19.433	ug/l	99
40) Benzene	6.12	78	387848	20.050	ug/l	97
41) Methacrylonitrile	5.01	41	79268	18.881	ug/l	96
42) 1,2-Dichloroethane	6.16	62	153829	20.756	ug/l	98
43) Isopropyl Acetate	6.42	43	232234	18.805	ug/l	99
44) Trichloroethene	7.19	130	105684	19.335	ug/l	96
45) 1,2-Dichloropropane	7.49	63	102204	19.603	ug/l	97
46) Dibromomethane	7.63	93	73532	20.056	ug/l	99
47) Bromodichloromethane	7.87	83	148746	20.319	ug/l	95
48) Methyl methacrylate	7.74	41	115104	18.723	ug/l	97
49) 1,4-Dioxane	7.71	88	40302	361.900	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	740185	97.028	ug/l	100
52) Toluene	8.76	92	246201	20.072	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	158793	19.572	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	165333	19.237	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	107024	20.458	ug/l	97
56) Ethyl methacrylate	9.16	69	146201	18.799	ug/l	98
57) 1,3-Dichloropropane	9.35	76	170986	19.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	288798	82.550	ug/l	99
59) 2-Hexanone	9.48	43	560899	96.696	ug/l	99
60) Dibromochloromethane	9.57	129	125171	20.396	ug/l	99
61) 1,2-Dibromoethane	9.65	107	114168	20.102	ug/l	98
64) Tetrachloroethene	9.32	164	107348	21.202	ug/l	92
65) Chlorobenzene	10.12	112	277380	20.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	111644	20.585	ug/l	97
67) Ethyl Benzene	10.24	91	470287	20.097	ug/l	98
68) m/p-Xylenes	10.34	106	354854	40.627	ug/l	99
69) o-Xylene	10.68	106	170937	20.188	ug/l	100
70) Styrene	10.70	104	292188	20.263	ug/l	99
71) Bromoform	10.84	173	95663	20.679	ug/l #	98
73) Isopropylbenzene	11.00	105	459466	19.445	ug/l	98
74) N-amyl acetate	10.88	43	205193	18.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	151905	18.224	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	150459m	18.881	ug/l	
77) Bromobenzene	11.24	156	125315	19.186	ug/l	98
78) n-propylbenzene	11.34	91	524534	19.550	ug/l	99
79) 2-Chlorotoluene	11.40	91	322739	19.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	398487	20.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	50124	16.988	ug/l	97
82) 4-Chlorotoluene	11.49	91	385294	19.552	ug/l	99
83) tert-Butylbenzene	11.76	119	388515	20.275	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	399609	20.129	ug/l	99
85) sec-Butylbenzene	11.93	105	436798	20.044	ug/l	99
86) p-Isopropyltoluene	12.05	119	411815	20.573	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	217516	18.968	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	220847	19.234	ug/l	99
89) n-Butylbenzene	12.37	91	343988	18.828	ug/l	99
90) Hexachloroethane	12.58	117	82285	20.894	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	211593	19.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38113	18.287	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	135994	18.893	ug/l	98
94) Hexachlorobutadiene	13.76	225	56790	20.002	ug/l	98
95) Naphthalene	13.82	128	438399	18.506	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	133519	18.772	ug/l	98

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

