

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018142.D
 Acq On : 31 Aug 2020 13:14
 Operator : JC/SP
 Sample : VX0831WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:52 AM

Quant Time: Sep 01 06:05:24 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	567256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	895860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	838984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	441886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	376978	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.46	113	300864	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.70	98	1083898	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.12	95	420694	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	135291	19.589	ug/l	95
3) Chloromethane	1.31	50	138200	18.980	ug/l	98
4) Vinyl Chloride	1.39	62	128517	17.731	ug/l	97
5) Bromomethane	1.63	94	88528	25.322	ug/l	99
6) Chloroethane	1.71	64	76118	19.552	ug/l	95
7) Trichlorofluoromethane	1.92	101	197979	20.031	ug/l	95
8) Diethyl Ether	2.17	74	63176	18.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100487	18.806	ug/l	97
10) Methyl Iodide	2.49	142	113458	23.035	ug/l	98
11) Tert butyl alcohol	3.01	59	137277	89.655	ug/l	99
12) 1,1-Dichloroethene	2.35	96	96801	17.462	ug/l	96
13) Acrolein	2.27	56	34618	54.526	ug/l	94
14) Allyl chloride	2.71	41	193243	19.403	ug/l	97
15) Acrylonitrile	3.12	53	326849	94.103	ug/l	98
16) Acetone	2.42	43	272713	88.873	ug/l	99
17) Carbon Disulfide	2.55	76	294907	17.598	ug/l	98
18) Methyl Acetate	2.75	43	147168	19.875	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	376242	19.790	ug/l	98
20) Methylene Chloride	2.84	84	123045	18.884	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	117485	19.129	ug/l	94
22) Diisopropyl ether	3.82	45	386929	19.684	ug/l #	86
23) Vinyl Acetate	3.79	43	1716223	98.119	ug/l	99
24) 1,1-Dichloroethane	3.67	63	219646	19.629	ug/l	99
25) 2-Butanone	4.64	43	452571	89.741	ug/l	96
26) 2,2-Dichloropropane	4.55	77	195984	21.526	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	134272	18.975	ug/l	100
28) Bromochloromethane	4.98	49	93769	17.361	ug/l	99
29) Tetrahydrofuran	5.10	42	295297	91.984	ug/l	99
30) Chloroform	5.18	83	224266	19.356	ug/l	94
31) Cyclohexane	5.55	56	181035	19.206	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	211208	19.864	ug/l	99
36) 1,1-Dichloropropene	5.77	75	162474	19.663	ug/l	99
37) Ethyl Acetate	4.79	43	180176	18.774	ug/l	99
38) Carbon Tetrachloride	5.76	117	188944	20.290	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	180306	19.956	ug/l	98
40) Benzene	6.11	78	475609	19.589	ug/l	98
41) Methacrylonitrile	5.00	41	96434	18.301	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184755	19.861	ug/l	100
43) Isopropyl Acetate	6.42	43	295025	19.033	ug/l	100
44) Trichloroethene	7.19	130	132071	19.251	ug/l	95
45) 1,2-Dichloropropane	7.49	63	129367	19.769	ug/l	93
46) Dibromomethane	7.64	93	89004	19.342	ug/l	99
47) Bromodichloromethane	7.88	83	184741	20.106	ug/l	99
48) Methyl methacrylate	7.74	41	143937	18.653	ug/l	99
49) 1,4-Dioxane	7.71	88	52052	372.396	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	920218	96.107	ug/l	100
52) Toluene	8.76	92	305160	19.821	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	201747	19.811	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	208956	19.370	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	125194	19.067	ug/l	93
56) Ethyl methacrylate	9.16	69	184067	18.857	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213010	19.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	394481	89.837	ug/l	100
59) 2-Hexanone	9.47	43	693396	95.238	ug/l	99
60) Dibromochloromethane	9.57	129	153449	19.921	ug/l	99
61) 1,2-Dibromoethane	9.65	107	138090	19.371	ug/l	99
64) Tetrachloroethene	9.32	164	131224	21.284	ug/l	97
65) Chlorobenzene	10.12	112	332305	19.832	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	136652	20.692	ug/l	99
67) Ethyl Benzene	10.24	91	578010	20.284	ug/l	100
68) m/p-Xylenes	10.34	106	435255	40.923	ug/l	98
69) o-Xylene	10.68	106	204711	19.855	ug/l	97
70) Styrene	10.69	104	361270	20.575	ug/l	100
71) Bromoform	10.84	173	113196	20.095	ug/l #	98
73) Isopropylbenzene	11.00	105	579206	19.872	ug/l	98
74) N-amyl acetate	10.88	43	250847	18.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	189757	18.455	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	182761m	18.592	ug/l	
77) Bromobenzene	11.24	156	151349	18.785	ug/l	99
78) n-propylbenzene	11.34	91	653003	19.731	ug/l	99
79) 2-Chlorotoluene	11.40	91	395941	19.364	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	483581	20.190	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	67504	18.547	ug/l	96
82) 4-Chlorotoluene	11.49	91	463424	19.065	ug/l	99
83) tert-Butylbenzene	11.76	119	474219	20.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	487753	19.918	ug/l	99
85) sec-Butylbenzene	11.93	105	548830	20.418	ug/l	100
86) p-Isopropyltoluene	12.05	119	506761	20.524	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	265809	18.791	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	261783	18.483	ug/l	98
89) n-Butylbenzene	12.37	91	428660	19.021	ug/l	99
90) Hexachloroethane	12.58	117	101343	20.861	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	251822	18.912	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45014	17.509	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	168775	19.008	ug/l	98
94) Hexachlorobutadiene	13.77	225	69123	19.737	ug/l	97
95) Naphthalene	13.82	128	544068	18.619	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160858	18.334	ug/l	98

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

