

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018096.D
 Acq On : 27 Aug 2020 17:03
 Operator : JC/SP
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:45 PM

Quant Time: Aug 28 03:56:28 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	5.64	168	646487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1028148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	974222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	452473	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.47	113	353823	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	8.70	98	1305389	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	486358	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	155506	19.757	ug/l	100
3) Chloromethane	1.32	50	158743	19.129	ug/l	99
4) Vinyl Chloride	1.39	62	159260	19.279	ug/l	99
5) Bromomethane	1.63	94	98555	24.735	ug/l	98
6) Chloroethane	1.71	64	88920	20.042	ug/l	95
7) Trichlorofluoromethane	1.92	101	229614	20.385	ug/l	98
8) Diethyl Ether	2.17	74	78254	20.486	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116230	19.087	ug/l	96
10) Methyl Iodide	2.49	142	120014	21.759	ug/l	98
11) Tert butyl alcohol	3.03	59	178557	102.322	ug/l	98
12) 1,1-Dichloroethene	2.36	96	115171	18.230	ug/l	98
13) Acrolein	2.28	56	64940	89.749	ug/l	96
14) Allyl chloride	2.71	41	238445	21.007	ug/l	99
15) Acrylonitrile	3.12	53	415801	105.042	ug/l	99
16) Acetone	2.42	43	370182	105.852	ug/l	96
17) Carbon Disulfide	2.55	76	364396	19.080	ug/l	98
18) Methyl Acetate	2.75	43	185340	21.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	445500	20.561	ug/l	96
20) Methylene Chloride	2.84	84	155562	21.080	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	136887	19.556	ug/l	96
22) Diisopropyl ether	3.83	45	451094	20.136	ug/l	94
23) Vinyl Acetate	3.79	43	2088579	104.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256619	20.123	ug/l	99
25) 2-Butanone	4.64	43	594847	103.497	ug/l	100
26) 2,2-Dichloropropane	4.56	77	210550	20.292	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	154869	19.203	ug/l	99
28) Bromochloromethane	4.98	49	120651	19.600	ug/l	99
29) Tetrahydrofuran	5.10	42	377132	103.078	ug/l	99
30) Chloroform	5.18	83	260931	19.760	ug/l	99
31) Cyclohexane	5.55	56	205926	19.170	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	243177	20.068	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187813	19.805	ug/l	99
37) Ethyl Acetate	4.81	43	229697	20.855	ug/l	98
38) Carbon Tetrachloride	5.76	117	216607	20.268	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	190145	18.337	ug/l	98
40) Benzene	6.12	78	554122	19.886	ug/l	98
41) Methacrylonitrile	5.01	41	122837	20.312	ug/l	98
42) 1,2-Dichloroethane	6.17	62	212953	19.947	ug/l	99
43) Isopropyl Acetate	6.42	43	361566	20.325	ug/l	99
44) Trichloroethene	7.19	130	158183	20.091	ug/l	100
45) 1,2-Dichloropropane	7.49	63	152318	20.282	ug/l	97
46) Dibromomethane	7.64	93	105139	19.908	ug/l	98
47) Bromodichloromethane	7.88	83	213316	20.229	ug/l	97
48) Methyl methacrylate	7.75	41	181863	20.536	ug/l	98
49) 1,4-Dioxane	7.72	88	60402	376.533	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1163013	105.836	ug/l	100
52) Toluene	8.77	92	354879	20.085	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	239159	20.464	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	250135	20.204	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	153158	20.324	ug/l	97
56) Ethyl methacrylate	9.16	69	225318	20.113	ug/l	99
57) 1,3-Dichloropropane	9.35	76	248826	20.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	487731	96.782	ug/l	100
59) 2-Hexanone	9.48	43	899107	107.603	ug/l	99
60) Dibromochloromethane	9.57	129	178767	20.222	ug/l	97
61) 1,2-Dibromoethane	9.65	107	163712	20.010	ug/l	99
64) Tetrachloroethene	9.32	164	146889	20.518	ug/l	94
65) Chlorobenzene	10.12	112	395293	20.316	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	156356	20.389	ug/l	98
67) Ethyl Benzene	10.24	91	669305	20.227	ug/l	99
68) m/p-Xylenes	10.34	106	494590	40.047	ug/l	97
69) o-Xylene	10.68	106	238644	19.933	ug/l	99
70) Styrene	10.70	104	416877	20.446	ug/l	99
71) Bromoform	10.84	173	128871	19.701	ug/l	96
73) Isopropylbenzene	11.01	105	634049	21.104	ug/l	99
74) N-amyl acetate	10.88	43	321216	22.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215147	20.300	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202910m	20.026	ug/l	
77) Bromobenzene	11.24	156	171681	20.672	ug/l	98
78) n-propylbenzene	11.35	91	725557	21.269	ug/l	98
79) 2-Chlorotoluene	11.40	91	442607	21.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	529777	21.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79931	21.306	ug/l	99
82) 4-Chlorotoluene	11.49	91	523667	20.900	ug/l	99
83) tert-Butylbenzene	11.76	119	506542	20.790	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	520657	20.627	ug/l	99
85) sec-Butylbenzene	11.93	105	578737	20.887	ug/l	99
86) p-Isopropyltoluene	12.05	119	532813	20.935	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	291182	19.970	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	289067	19.800	ug/l	98
89) n-Butylbenzene	12.37	91	459750	19.791	ug/l	99
90) Hexachloroethane	12.58	117	99434	19.857	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	281450	20.506	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55857	21.078	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186632	20.391	ug/l	99
94) Hexachlorobutadiene	13.77	225	65774	18.220	ug/l	97
95) Naphthalene	13.82	128	661156	21.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	186524	20.625	ug/l	97

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

