

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017761.D
 Acq On : 04 Aug 2020 11:29
 Operator : JC/SP
 Sample : VX0804WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:16 PM

Quant Time: Aug 05 02:09:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	501734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	761540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	717960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382452	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	347707	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	5.47	113	271748	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	8.70	98	949391	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	375828	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	80938	16.710	ug/l	97
3) Chloromethane	1.32	50	104256	17.054	ug/l	100
4) Vinyl Chloride	1.39	62	109739	17.381	ug/l	99
5) Bromomethane	1.63	94	82522	22.651	ug/l	97
6) Chloroethane	1.72	64	67882	19.025	ug/l	97
7) Trichlorofluoromethane	1.92	101	184665	18.595	ug/l	98
8) Diethyl Ether	2.17	74	63960	19.022	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97394	17.872	ug/l	97
10) Methyl Iodide	2.50	142	113194	16.235	ug/l	95
11) Tert butyl alcohol	3.01	59	133797	98.501	ug/l	100
12) 1,1-Dichloroethene	2.36	96	94264	18.189	ug/l	97
13) Acrolein	2.28	56	58036	59.181	ug/l	96
14) Allyl chloride	2.71	41	179347	18.953	ug/l	97
15) Acrylonitrile	3.12	53	270128	92.073	ug/l	100
16) Acetone	2.42	43	279862	98.659	ug/l	97
17) Carbon Disulfide	2.56	76	252051	16.001	ug/l	99
18) Methyl Acetate	2.75	43	144329	21.604	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	320433	17.864	ug/l	98
20) Methylene Chloride	2.84	84	109592	19.736	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	99077	17.846	ug/l	93
22) Diisopropyl ether	3.82	45	332454	19.214	ug/l	# 84
23) Vinyl Acetate	3.79	43	1453422	94.211	ug/l	99
24) 1,1-Dichloroethane	3.67	63	189735	19.036	ug/l	98
25) 2-Butanone	4.64	43	395494	98.143	ug/l	100
26) 2,2-Dichloropropane	4.55	77	170824	19.146	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	115091	19.086	ug/l	97
28) Bromochloromethane	4.98	49	80884	17.908	ug/l	98
29) Tetrahydrofuran	5.09	42	240723	96.438	ug/l	99
30) Chloroform	5.18	83	208619	20.484	ug/l	96
31) Cyclohexane	5.56	56	141826	17.843	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	187810	19.556	ug/l	99
36) 1,1-Dichloropropene	5.77	75	138487	18.961	ug/l	99
37) Ethyl Acetate	4.79	43	151071	18.904	ug/l	98
38) Carbon Tetrachloride	5.76	117	171429	19.328	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	143711	16.855	ug/l	98
40) Benzene	6.12	78	397953	19.005	ug/l	100
41) Methacrylonitrile	5.01	41	85515	18.669	ug/l	97
42) 1,2-Dichloroethane	6.17	62	168171	19.631	ug/l	100
43) Isopropyl Acetate	6.42	43	247980	18.807	ug/l	100
44) Trichloroethene	7.19	130	122013	19.938	ug/l	99
45) 1,2-Dichloropropane	7.49	63	111062	19.133	ug/l	98
46) Dibromomethane	7.63	93	77972	19.007	ug/l	96
47) Bromodichloromethane	7.87	83	160015	19.385	ug/l	97
48) Methyl methacrylate	7.74	41	116813	17.872	ug/l	98
49) 1,4-Dioxane	7.72	88	47769	381.206	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	782513	99.464	ug/l	98
52) Toluene	8.77	92	261224	19.452	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173024	18.725	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182068	19.318	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	110221	19.703	ug/l	95
56) Ethyl methacrylate	9.16	69	162006	19.222	ug/l	99
57) 1,3-Dichloropropane	9.35	76	179386	19.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	387584	87.287	ug/l	98
59) 2-Hexanone	9.47	43	592167	99.974	ug/l	98
60) Dibromochloromethane	9.57	129	137084	19.279	ug/l	98
61) 1,2-Dibromoethane	9.65	107	121530	20.405	ug/l	99
64) Tetrachloroethene	9.32	164	126208	19.586	ug/l	98
65) Chlorobenzene	10.12	112	289027	18.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	121329	19.345	ug/l	99
67) Ethyl Benzene	10.23	91	490444	18.906	ug/l	97
68) m/p-Xylenes	10.34	106	376489	37.463	ug/l	97
69) o-Xylene	10.68	106	177345	18.348	ug/l	99
70) Styrene	10.70	104	308035	18.731	ug/l	99
71) Bromoform	10.84	173	104657	19.260	ug/l #	99
73) Isopropylbenzene	11.00	105	499697	19.046	ug/l	98
74) N-amyl acetate	10.88	43	213359	18.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154161	18.824	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153929m	19.566	ug/l	
77) Bromobenzene	11.24	156	136116	18.532	ug/l	98
78) n-propylbenzene	11.34	91	575185	19.438	ug/l	97
79) 2-Chlorotoluene	11.40	91	346460	18.901	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	421546	18.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56758	18.179	ug/l	98
82) 4-Chlorotoluene	11.49	91	405682	18.762	ug/l	99
83) tert-Butylbenzene	11.76	119	401026	18.709	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	426500	19.142	ug/l	100
85) sec-Butylbenzene	11.93	105	473709	18.971	ug/l	100
86) p-Isopropyltoluene	12.05	119	444082	18.675	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	240064	19.033	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	241467	18.482	ug/l	98
89) n-Butylbenzene	12.37	91	373053	17.606	ug/l	99
90) Hexachloroethane	12.58	117	84961	18.123	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	228117	18.401	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38393	18.300	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	146267	17.288	ug/l	99
94) Hexachlorobutadiene	13.76	225	66554	17.089	ug/l	96
95) Naphthalene	13.82	128	461288	18.264	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	152709	18.280	ug/l	100

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

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