

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023757.D
 Acq On : 17 Aug 2021 11:03
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:56 PM

Quant Time: Aug 17 11:28:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:13:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	226058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	360939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	350691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	315407	101.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 202.140%#	
35) Dibromofluoromethane	5.398	113	242337	102.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 205.740%#	
50) Toluene-d8	8.653	98	931241	97.095	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 194.180%#	
62) 4-Bromofluorobenzene	11.086	95	362458	114.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 228.340%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	242527	101.657	ug/l	98
3) Chloromethane	1.295	50	254240	95.502	ug/l	100
4) Vinyl Chloride	1.374	62	257231	100.768	ug/l	100
5) Bromomethane	1.599	94	145330	84.494	ug/l	99
6) Chloroethane	1.673	64	168786	90.895	ug/l	98
7) Trichlorofluoromethane	1.874	101	415275	103.633	ug/l	97
8) Diethyl Ether	2.142	74	147337	105.804	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	227866	99.567	ug/l	97
10) Methyl Iodide	2.453	142	340226	110.743	ug/l	95
11) Tert butyl alcohol	2.995	59	324138	501.322	ug/l	98
12) 1,1-Dichloroethene	2.313	96	222167	102.727	ug/l	92
13) Acrolein	2.246	56	172514	442.677	ug/l	97
14) Allyl chloride	2.666	41	413839	104.534	ug/l	91
15) Acrylonitrile	3.075	53	721473	508.327	ug/l	98
16) Acetone	2.392	43	665902	453.423	ug/l	91
17) Carbon Disulfide	2.508	76	565544	114.834	ug/l	100
18) Methyl Acetate	2.715	43	352112	98.905	ug/l	91
19) Methyl tert-butyl Ether	3.124	73	797441	108.316	ug/l	99
20) Methylene Chloride	2.794	84	252050	90.310	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	240376	104.895	ug/l	95
22) Diisopropyl ether	3.776	45	843886	109.168	ug/l	93
23) Vinyl Acetate	3.733	43	3477726	560.052	ug/l	95
24) 1,1-Dichloroethane	3.617	63	457088	104.084	ug/l	98
25) 2-Butanone	4.574	43	1104169	521.686	ug/l	93
26) 2,2-Dichloropropane	4.483	77	382331	107.226	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	282463	102.887	ug/l	96
28) Bromochloromethane	4.910	49	212009	110.314	ug/l	93
29) Tetrahydrofuran	5.020	42	725672	534.036	ug/l	89
30) Chloroform	5.105	83	480407	103.312	ug/l	99
31) Cyclohexane	5.477	56	423201	106.202	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	429299	110.132	ug/l	98
36) 1,1-Dichloropropene	5.702	75	353437	107.634	ug/l	99
37) Ethyl Acetate	4.733	43	424704	104.379	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	376621	111.780	ug/l	99
39) Methylcyclohexane	7.385	83	433326	108.862	ug/l	97
40) Benzene	6.044	78	1023572	104.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	234765	107.036	ug/l	91
42) 1,2-Dichloroethane	6.099	62	405359	105.842	ug/l	95
43) Isopropyl Acetate	6.355	43	690268	110.861	ug/l	93
44) Trichloroethene	7.135	130	281332	103.485	ug/l	99
45) 1,2-Dichloropropane	7.434	63	271388	104.373	ug/l	97
46) Dibromomethane	7.586	93	192316	107.216	ug/l	97
47) Bromodichloromethane	7.830	83	366642	117.111	ug/l	100
48) Methyl methacrylate	7.702	41	345084	115.174	ug/l	86
49) 1,4-Dioxane	7.665	88	135495	2011.114	ug/l #	95
51) 4-Methyl-2-Pentanone	8.586	43	2228048	542.254	ug/l	91
52) Toluene	8.726	92	679401	108.868	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	439094	127.392	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	448729	119.094	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	281871	109.674	ug/l	100
56) Ethyl methacrylate	9.122	69	472633	122.209	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	462418	108.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	1150805	569.915	ug/l	97
59) 2-Hexanone	9.439	43	1710893	540.680	ug/l	88
60) Dibromochloromethane	9.525	129	303071	130.003	ug/l	99
61) 1,2-Dibromoethane	9.616	107	305715	114.173	ug/l	99
64) Tetrachloroethene	9.281	164	270998	94.422	ug/l	98
65) Chlorobenzene	10.086	112	745608	102.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	281143	112.153	ug/l	99
67) Ethyl Benzene	10.195	91	1342198	107.413	ug/l	99
68) m/p-Xylenes	10.305	106	1048622	222.409	ug/l	100
69) o-Xylene	10.647	106	515512	111.172	ug/l	99
70) Styrene	10.659	104	876860	118.528	ug/l	98
71) Bromoform	10.805	173	217014	129.029	ug/l	98
73) Isopropylbenzene	10.964	105	1372117	105.452	ug/l	99
74) N-amyl acetate	10.848	43	617354	105.378	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.220	83	417521	94.871	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	387953m	84.991	ug/l	
77) Bromobenzene	11.201	156	330446	102.061	ug/l	97
78) n-propylbenzene	11.311	91	1591463	107.639	ug/l	99
79) 2-Chlorotoluene	11.366	91	946149	104.807	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	1140156	107.276	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	149884	124.557	ug/l	93
82) 4-Chlorotoluene	11.457	91	1088376	107.175	ug/l	99
83) tert-Butylbenzene	11.720	119	1102784	106.688	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1132889	106.663	ug/l	99
85) sec-Butylbenzene	11.896	105	1418032	109.249	ug/l	100
86) p-Isopropyltoluene	12.012	119	1181841	111.644	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	600918	102.965	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	600721	103.392	ug/l	99
89) n-Butylbenzene	12.335	91	1049107	111.157	ug/l	98
90) Hexachloroethane	12.543	117	193301	124.034	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	573985	101.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	103903	128.068	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	371794	114.233	ug/l	99
94) Hexachlorobutadiene	13.725	225	152679	100.608	ug/l	99
95) Naphthalene	13.780	128	1296047	125.833	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	374105	116.205	ug/l	98

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

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