

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024198.D
 Acq On : 14 Sep 2021 10:37
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:54:10 PM

Quant Time: Sep 14 11:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:30:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	204873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	323181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54896	18.697	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	37.400%#
35) Dibromofluoromethane	5.397	113	40258	17.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	35.980%#
50) Toluene-d8	8.653	98	145742	17.977	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	35.960%#
62) 4-Bromofluorobenzene	11.085	95	54440	17.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	34.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38578	19.436	ug/l	97
3) Chloromethane	1.301	50	38417	18.720	ug/l	97
4) Vinyl Chloride	1.374	62	39125	19.547	ug/l	98
5) Bromomethane	1.605	94	27902	23.893	ug/l	99
6) Chloroethane	1.685	64	25379	19.040	ug/l	99
7) Trichlorofluoromethane	1.892	101	67177	19.620	ug/l	100
8) Diethyl Ether	2.136	74	22572	18.933	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	39503	19.535	ug/l	97
10) Methyl Iodide	2.459	142	52525	19.809	ug/l	91
11) Tert butyl alcohol	2.977	59	64980	97.524	ug/l	99
12) 1,1-Dichloroethene	2.319	96	36852	19.255	ug/l	92
13) Acrolein	2.245	56	18635	81.842	ug/l	95
14) Allyl chloride	2.666	41	65421	19.022	ug/l	89
15) Acrylonitrile	3.075	53	118108	97.800	ug/l	96
16) Acetone	2.386	43	124828	97.921	ug/l	88
17) Carbon Disulfide	2.514	76	89140	19.415	ug/l	100
18) Methyl Acetate	2.709	43	76649	22.797	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	134826	18.958	ug/l	100
20) Methylene Chloride	2.794	84	43606	17.664	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	39517	19.339	ug/l	95
22) Diisopropyl ether	3.776	45	133277	19.455	ug/l	95
23) Vinyl Acetate	3.733	43	544160	99.705	ug/l	95
24) 1,1-Dichloroethane	3.617	63	76802	19.639	ug/l	96
25) 2-Butanone	4.568	43	183695	99.328	ug/l	92
26) 2,2-Dichloropropane	4.483	77	68751	19.533	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	47469	19.319	ug/l	95
28) Bromochloromethane	4.910	49	30604	18.234	ug/l	96
29) Tetrahydrofuran	5.019	42	116272	99.819	ug/l	90
30) Chloroform	5.105	83	81119	19.099	ug/l	99
31) Cyclohexane	5.477	56	67476	20.196	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	73558	19.150	ug/l	98
36) 1,1-Dichloropropene	5.702	75	59023	19.259	ug/l	99
37) Ethyl Acetate	4.733	43	66361	19.158	ug/l	95
38) Carbon Tetrachloride	5.684	117	64685	19.342	ug/l	99
39) Methylcyclohexane	7.385	83	71241	19.690	ug/l	97
40) Benzene	6.044	78	169151	19.592	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	35220	19.027	ug/l	92
42) 1,2-Dichloroethane	6.098	62	70612	19.828	ug/l	94
43) Isopropyl Acetate	6.354	43	107595	19.098	ug/l	93
44) Trichloroethene	7.135	130	46577	19.140	ug/l	96
45) 1,2-Dichloropropane	7.440	63	44316	19.720	ug/l	97
46) Dibromomethane	7.586	93	31431	19.033	ug/l	98
47) Bromodichloromethane	7.830	83	58955	18.877	ug/l	100
48) Methyl methacrylate	7.702	41	52799	19.671	ug/l	87
49) 1,4-Dioxane	7.665	88	23335	386.338	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	354079	99.550	ug/l	90
52) Toluene	8.726	92	109871	19.616	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	66008	18.602	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	69993	19.045	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	45827	19.170	ug/l	97
56) Ethyl methacrylate	9.122	69	69003	18.630	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	75661	19.373	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	162086	92.410	ug/l	98
59) 2-Hexanone	9.433	43	278026	100.030	ug/l	88
60) Dibromochloromethane	9.525	129	45747	18.647	ug/l	98
61) 1,2-Dibromoethane	9.616	107	47940	19.059	ug/l	99
64) Tetrachloroethene	9.275	164	49117	21.107	ug/l	94
65) Chlorobenzene	10.086	112	117533	19.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44699	18.791	ug/l	99
67) Ethyl Benzene	10.195	91	213955	19.704	ug/l	100
68) m/p-Xylenes	10.305	106	162471	39.006	ug/l	96
69) o-Xylene	10.646	106	81320	19.517	ug/l	99
70) Styrene	10.659	104	130410	19.511	ug/l	97
71) Bromoform	10.805	173	32648	18.250	ug/l #	99
73) Isopropylbenzene	10.963	105	213138	19.611	ug/l	100
74) N-amyl acetate	10.848	43	90219	19.376	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	70881	20.210	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	67457m	20.217	ug/l	
77) Bromobenzene	11.201	156	52741	18.851	ug/l	96
78) n-propylbenzene	11.305	91	242972	19.718	ug/l	100
79) 2-Chlorotoluene	11.366	91	149019	19.342	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	181147	19.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	21762	19.157	ug/l	87
82) 4-Chlorotoluene	11.457	91	171766	19.554	ug/l	99
83) tert-Butylbenzene	11.719	119	173954	19.376	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	180457	19.657	ug/l	98
85) sec-Butylbenzene	11.896	105	221479	19.707	ug/l	100
86) p-Isopropyltoluene	12.012	119	185031	19.564	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	97652	19.539	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	97104	19.471	ug/l	98
89) n-Butylbenzene	12.335	91	157605	19.444	ug/l	98
90) Hexachloroethane	12.542	117	28590	18.943	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	95598	19.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15060	18.767	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	54992	18.925	ug/l	99
94) Hexachlorobutadiene	13.725	225	27099	19.447	ug/l	99
95) Naphthalene	13.780	128	183501	19.533	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55960	19.344	ug/l	100

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

