

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023369.D
 Acq On : 22 Jul 2021 10:21
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:23 PM

Quant Time: Jul 22 11:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 22 11:25:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	227329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	364988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47389	15.699	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	31.400%#
35) Dibromofluoromethane	5.391	113	37887	16.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	32.140%#
50) Toluene-d8	8.653	98	141243	16.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	32.320%#
62) 4-Bromofluorobenzene	11.085	95	47266	14.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	28.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40879	19.805	ug/l	99
3) Chloromethane	1.294	50	44469	20.981	ug/l	99
4) Vinyl Chloride	1.374	62	46383	20.910	ug/l	100
5) Bromomethane	1.605	94	30971	24.520	ug/l	97
6) Chloroethane	1.685	64	29388	20.460	ug/l	97
7) Trichlorofluoromethane	1.886	101	75332	19.863	ug/l	95
8) Diethyl Ether	2.136	74	27766	19.730	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	42356	19.111	ug/l	97
10) Methyl Iodide	2.453	142	48094	17.366	ug/l	97
11) Tert butyl alcohol	2.971	59	61672	94.138	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41207	19.966	ug/l	93
13) Acrolein	2.239	56	30191	73.714	ug/l	100
14) Allyl chloride	2.666	41	73126	20.196	ug/l	94
15) Acrylonitrile	3.068	53	137751	106.199	ug/l	98
16) Acetone	2.386	43	127413	102.469	ug/l	93
17) Carbon Disulfide	2.514	76	97131	21.459	ug/l	99
18) Methyl Acetate	2.709	43	61325	20.363	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	145614	19.018	ug/l	99
20) Methylene Chloride	2.794	84	47570	18.048	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	44100	19.752	ug/l	98
22) Diisopropyl ether	3.770	45	151183	19.962	ug/l	94
23) Vinyl Acetate	3.733	43	669738	103.767	ug/l	94
24) 1,1-Dichloroethane	3.617	63	82597	19.393	ug/l	99
25) 2-Butanone	4.568	43	204910	108.210	ug/l	94
26) 2,2-Dichloropropane	4.483	77	66415	18.695	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	51414	19.138	ug/l	100
28) Bromochloromethane	4.903	49	36002	17.907	ug/l	94
29) Tetrahydrofuran	5.019	42	132617	108.455	ug/l	89
30) Chloroform	5.105	83	83575	18.385	ug/l	99
31) Cyclohexane	5.477	56	76330	20.160	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	71178	17.956	ug/l	97
36) 1,1-Dichloropropene	5.696	75	60853	18.536	ug/l	99
37) Ethyl Acetate	4.727	43	77503	21.208	ug/l	94
38) Carbon Tetrachloride	5.684	117	61330	18.058	ug/l	99
39) Methylcyclohexane	7.385	83	77010	19.750	ug/l	98
40) Benzene	6.044	78	183891	19.254	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39832	19.636	ug/l	93
42) 1,2-Dichloroethane	6.098	62	66335	17.617	ug/l	98
43) Isopropyl Acetate	6.348	43	121273	20.086	ug/l	93
44) Trichloroethene	7.129	130	50522	18.737	ug/l	98
45) 1,2-Dichloropropane	7.434	63	48290	19.290	ug/l	99
46) Dibromomethane	7.586	93	32853	18.561	ug/l	99
47) Bromodichloromethane	7.830	83	57114	17.741	ug/l	98
48) Methyl methacrylate	7.696	41	55105	18.769	ug/l	90
49) 1,4-Dioxane	7.665	88	25203	387.928	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	387765	103.753	ug/l	90
52) Toluene	8.720	92	115026	18.739	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66935	18.886	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	74477	19.753	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	47630	18.497	ug/l	97
56) Ethyl methacrylate	9.122	69	73761	18.422	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	78654	18.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	194513	100.156	ug/l	98
59) 2-Hexanone	9.433	43	300503	105.148	ug/l	88
60) Dibromochloromethane	9.525	129	44615	18.000	ug/l	100
61) 1,2-Dibromoethane	9.616	107	50384	19.075	ug/l	98
64) Tetrachloroethene	9.281	164	47875	18.735	ug/l	98
65) Chlorobenzene	10.085	112	122549	19.226	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	44677	19.425	ug/l	99
67) Ethyl Benzene	10.195	91	212789	18.937	ug/l	100
68) m/p-Xylenes	10.305	106	162999	37.993	ug/l	98
69) o-Xylene	10.646	106	81123	18.855	ug/l	96
70) Styrene	10.659	104	128714	18.400	ug/l	98
71) Bromoform	10.805	173	30045	18.444	ug/l #	100
73) Isopropylbenzene	10.963	105	208137	19.944	ug/l	99
74) N-amyl acetate	10.848	43	95322	21.198	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68811	20.669	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63717m	21.349	ug/l	
77) Bromobenzene	11.201	156	50157	19.332	ug/l	96
78) n-propylbenzene	11.305	91	235543	19.562	ug/l	99
79) 2-Chlorotoluene	11.366	91	139947	18.950	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	170455	19.186	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	20355	20.093	ug/l	92
82) 4-Chlorotoluene	11.457	91	156954	18.882	ug/l	99
83) tert-Butylbenzene	11.719	119	164266	19.378	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	168554	19.227	ug/l	99
85) sec-Butylbenzene	11.896	105	212411	19.513	ug/l	99
86) p-Isopropyltoluene	12.012	119	174488	19.172	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89699	18.579	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	91555	18.871	ug/l	100
89) n-Butylbenzene	12.335	91	151030	18.934	ug/l	98
90) Hexachloroethane	12.542	117	26827	19.790	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	90814	19.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14321	20.210	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	54028	18.237	ug/l	98
94) Hexachlorobutadiene	13.731	225	24096	19.131	ug/l	99
95) Naphthalene	13.780	128	193739	19.570	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55453	18.650	ug/l	100

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

