

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021867.D
 Acq On : 07 May 2021 11:13
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:44 PM

Quant Time: May 07 12:02:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 07 12:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	88409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	171463	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	27038	24.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	49.34%#		
35) Dibromofluoromethane	5.397	113	21429	19.20	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.40%#		
50) Toluene-d8	8.653	98	78443	18.33	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	36.66%#		
62) 4-Bromofluorobenzene	11.085	95	30140	18.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.28%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21714	24.09	ug/l	99
3) Chloromethane	1.294	50	25236	19.70	ug/l	99
4) Vinyl Chloride	1.374	62	28964	26.29	ug/l	98
5) Bromomethane	1.599	94	13588	29.32	ug/l	88
6) Chloroethane	1.685	64	16676	24.48	ug/l	99
7) Trichlorofluoromethane	1.886	101	39798	26.65	ug/l	97
8) Diethyl Ether	2.142	74	16605	27.15	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	20617	24.03	ug/l	91
10) Methyl Iodide	2.453	142	24040	33.32	ug/l	96
11) Tert butyl alcohol	2.977	59	35045	140.41	ug/l	96
12) 1,1-Dichloroethene	2.319	96	21507	24.81	ug/l	90
13) Acrolein	2.239	56	13324	76.69	ug/l	98
14) Allyl chloride	2.666	41	38773	26.87	ug/l	97
15) Acrylonitrile	3.075	53	65209	134.03	ug/l	99
16) Acetone	2.386	43	59105	151.44	ug/l	97
17) Carbon Disulfide	2.514	76	59171	23.94	ug/l	100
18) Methyl Acetate	2.715	43	31005	29.09	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	69166	23.32	ug/l	98
20) Methylene Chloride	2.794	84	24394	22.40	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	23458	23.65	ug/l	96
22) Diisopropyl ether	3.776	45	70685	24.74	ug/l	93
23) Vinyl Acetate	3.733	43	357465	139.74	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42538	25.36	ug/l	96
25) 2-Butanone	4.568	43	100590	150.45	ug/l	94
26) 2,2-Dichloropropane	4.483	77	37311	23.25	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	26810	23.73	ug/l	98
28) Bromochloromethane	4.910	49	19948	27.58	ug/l	89
29) Tetrahydrofuran	5.025	42	60097	141.23	ug/l	92
30) Chloroform	5.111	83	42959	23.83	ug/l	96
31) Cyclohexane	5.477	56	34908	23.18	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	37835	23.79	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31681	20.52	ug/l	98
37) Ethyl Acetate	4.733	43	39287	25.52	ug/l	96
38) Carbon Tetrachloride	5.684	117	32014	19.08	ug/l	92
39) Methylcyclohexane	7.385	83	35240	17.94	ug/l	95
40) Benzene	6.050	78	96654	20.79	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21508	25.04	ug/l	95
42) 1,2-Dichloroethane	6.098	62	33182	21.80	ug/l	99
43) Isopropyl Acetate	6.354	43	64714	24.13	ug/l	96
44) Trichloroethene	7.129	130	24119	18.41	ug/l	100
45) 1,2-Dichloropropane	7.440	63	25022	20.52	ug/l	92
46) Dibromomethane	7.586	93	17071	20.23	ug/l	88
47) Bromodichloromethane	7.824	83	35156	20.33	ug/l	97
48) Methyl methacrylate	7.702	41	30474	23.67	ug/l	93
49) 1,4-Dioxane	7.665	88	12679	433.11	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	197993	126.46	ug/l	94
52) Toluene	8.720	92	59991	19.99	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	39711	20.39	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	42028	20.44	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	24664	20.10	ug/l	98
56) Ethyl methacrylate	9.122	69	42153	22.17	ug/l	93
57) 1,3-Dichloropropane	9.311	76	41819	20.96	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	108508	116.57	ug/l	98
59) 2-Hexanone	9.433	43	151708	128.32	ug/l	93
60) Dibromochloromethane	9.525	129	26203	18.06	ug/l	100
61) 1,2-Dibromoethane	9.616	107	25099	18.95	ug/l	98
64) Tetrachloroethene	9.281	164	17255	15.03	ug/l #	90
65) Chlorobenzene	10.085	112	62591	19.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23161	19.06	ug/l	97
67) Ethyl Benzene	10.195	91	114670	20.53	ug/l	100
68) m/p-Xylenes	10.305	106	87535	40.60	ug/l	99
69) o-Xylene	10.646	106	44463	21.38	ug/l	93
70) Styrene	10.659	104	72878	20.53	ug/l	99
71) Bromoform	10.805	173	18196	16.96	ug/l #	95
73) Isopropylbenzene	10.963	105	112055	23.21	ug/l	100
74) N-amyl acetate	10.848	43	56975	28.44	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	39112	25.81	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	35149m	24.76	ug/l	
77) Bromobenzene	11.201	156	23367	19.02	ug/l	88
78) n-propylbenzene	11.305	91	128748	23.74	ug/l	99
79) 2-Chlorotoluene	11.366	91	78087	24.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	94463	22.94	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	14962	24.21	ug/l	94
82) 4-Chlorotoluene	11.457	91	88196	23.67	ug/l	97
83) tert-Butylbenzene	11.719	119	90741	22.28	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	92992	22.38	ug/l	99
85) sec-Butylbenzene	11.896	105	110626	23.26	ug/l	99
86) p-Isopropyltoluene	12.012	119	94717	21.43	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	44214	20.58	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	45224	20.71	ug/l	97
89) n-Butylbenzene	12.335	91	86176	22.59	ug/l	98
90) Hexachloroethane	12.542	117	17811	22.38	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	44038	21.07	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9434	27.63	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	26350	18.12	ug/l	97
94) Hexachlorobutadiene	13.725	225	10374	14.95	ug/l	98
95) Naphthalene	13.780	128	111110	23.73	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26945	19.13	ug/l	95

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

