

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022062.D
 Acq On : 18 May 2021 19:25
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:18 PM

Quant Time: May 19 05:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:01:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	82673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	841	0.82	ug/l	81
3) Chloromethane	1.288	50	1079	0.94	ug/l	97
4) Vinyl Chloride	1.374	62	983	0.83	ug/l	96
6) Chloroethane	1.691	64	751	1.07	ug/l	92
7) Trichlorofluoromethane	1.892	101	1617	0.95	ug/l #	83
8) Diethyl Ether	2.142	74	595	0.83	ug/l	66
9) 1,1,2-Trichlorotrifluo...	2.337	101	842	0.87	ug/l	92
12) 1,1-Dichloroethene	2.319	96	856	0.88	ug/l #	95
14) Allyl chloride	2.672	41	1583	0.88	ug/l	96
15) Acrylonitrile	3.075	53	2756	4.47	ug/l	91
16) Acetone	2.392	43	3168	5.45	ug/l	94
17) Carbon Disulfide	2.514	76	2325	0.94	ug/l	97
18) Methyl Acetate	2.715	43	1354	0.89	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	2823	0.85	ug/l	94
20) Methylene Chloride	2.788	84	1437	1.14	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	898	0.84	ug/l	96
22) Diisopropyl ether	3.770	45	2835	0.82	ug/l #	96
23) Vinyl Acetate	3.727	43	13351	3.96	ug/l #	87
24) 1,1-Dichloroethane	3.611	63	1720	0.85	ug/l #	81
25) 2-Butanone	4.574	43	4293	4.44	ug/l #	82
26) 2,2-Dichloropropane	4.483	77	1559	0.96	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	1251	0.96	ug/l	98
28) Bromochloromethane	4.922	49	879	0.90	ug/l #	16
29) Tetrahydrofuran	5.032	42	2781	4.85	ug/l	94
30) Chloroform	5.099	83	1711	0.83	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	1543	0.86	ug/l #	50
36) 1,1-Dichloropropene	5.708	75	1277	0.86	ug/l	97
37) Ethyl Acetate	4.721	43	1964	1.02	ug/l #	75
38) Carbon Tetrachloride	5.684	117	1257	0.84	ug/l	97
39) Methylcyclohexane	7.385	83	1425	0.87	ug/l	87
40) Benzene	6.044	78	3898	0.85	ug/l	100
41) Methacrylonitrile	4.922	41	984m	1.05	ug/l	
42) 1,2-Dichloroethane	6.098	62	1356	0.84	ug/l #	74
43) Isopropyl Acetate	6.348	43	2752	0.89	ug/l	96
44) Trichloroethene	7.141	130	932	0.83	ug/l	83
45) 1,2-Dichloropropane	7.440	63	878	0.74	ug/l #	65

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	691	0.86	ug/l #	86
47) Bromodichloromethane	7.824	83	1267	0.79	ug/l #	96
48) Methyl methacrylate	7.702	41	1194	0.85	ug/l	91
49) 1,4-Dioxane	7.696	88	625	21.08	ug/l #	36
51) 4-Methyl-2-Pentanone	8.580	43	7686	4.13	ug/l	99
52) Toluene	8.720	92	2663	0.90	ug/l	83
53) t-1,3-Dichloropropene	8.982	75	1349	0.76	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	1331	0.70	ug/l #	65
55) 1,1,2-Trichloroethane	9.153	97	948	0.81	ug/l #	80
56) Ethyl methacrylate	9.122	69	1568	0.81	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	1901	0.91	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	4159	4.08	ug/l	97
59) 2-Hexanone	9.433	43	5594	4.01	ug/l	100
60) Dibromochloromethane	9.525	129	890	0.77	ug/l	83
61) 1,2-Dibromoethane	9.616	107	1062	0.87	ug/l	91
64) Tetrachloroethene	9.275	164	847	0.92	ug/l	91
65) Chlorobenzene	10.086	112	2537	0.87	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	10.165	131	822	0.80	ug/l #	62
67) Ethyl Benzene	10.195	91	4515	0.85	ug/l	94
68) m/p-Xylenes	10.305	106	3271	1.65	ug/l	85
69) o-Xylene	10.646	106	1684	0.85	ug/l	87
70) Styrene	10.659	104	2781	0.84	ug/l	96
71) Bromoform	10.805	173	538	0.77	ug/l #	94
73) Isopropylbenzene	10.970	105	4293	0.87	ug/l	100
74) N-amyl acetate	10.848	43	1832	0.77	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.219	83	1460	0.86	ug/l #	94
76) 1,2,3-Trichloropropane	11.244	75	1237m	0.78	ug/l	
77) Bromobenzene	11.201	156	820	0.79	ug/l	80
78) n-propylbenzene	11.305	91	4626	0.80	ug/l	97
79) 2-Chlorotoluene	11.372	91	2905	0.84	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	3502	0.85	ug/l	94
82) 4-Chlorotoluene	11.457	91	3349	0.84	ug/l	97
83) tert-Butylbenzene	11.713	119	3338	0.85	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	3269	0.79	ug/l	99
85) sec-Butylbenzene	11.896	105	4334	0.86	ug/l	96
86) p-Isopropyltoluene	12.012	119	3088	0.75	ug/l	84
87) 1,3-Dichlorobenzene	11.975	146	1744	0.88	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	1824m	0.91	ug/l	
89) n-Butylbenzene	12.335	91	2854	0.75	ug/l	95
90) Hexachloroethane	12.542	117	557	0.79	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	1749	0.90	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.939	75	353	0.93	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	906	0.78	ug/l	96
94) Hexachlorobutadiene	13.731	225	403	0.92	ug/l	83
95) Naphthalene	13.780	128	3350	0.73	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	799	0.71	ug/l	88

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

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