

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032421\
 Data File : VU042764.D
 Acq On : 24 Mar 2021 14:19
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 3/30/2021 10:57:52 AM

Quant Time: Mar 25 05:08:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:07:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	96045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	147857	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	141654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	68349	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			Recovery	=	0.00%	
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1035	1.00	ug/l	97
3) Chloromethane	1.523	50	1524	1.22	ug/l	100
4) Vinyl Chloride	1.607	62	1119	0.90	ug/l	91
6) Chloroethane	1.941	64	1334	1.61	ug/l #	88
7) Trichlorofluoromethane	2.144	101	2080	1.20	ug/l	96
8) Diethyl Ether	2.385	74	667	0.93	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.581	101	945	0.86	ug/l	89
12) 1,1-Dichloroethene	2.591	96	906	0.89	ug/l #	66
14) Allyl chloride	2.929	41	1861	0.93	ug/l	98
15) Acrylonitrile	3.334	53	3615	4.77	ug/l	98
16) Acetone	2.642	43	5894	7.59	ug/l	91
17) Carbon Disulfide	2.800	76	2429	1.01	ug/l	100
18) Methyl Acetate	2.967	43	1552	0.84	ug/l #	80
19) Methyl tert-butyl Ether	3.379	73	2978	0.80	ug/l	97
20) Methylene Chloride	3.060	84	1300	0.98	ug/l	94
21) trans-1,2-Dichloroethene	3.363	96	954	0.88	ug/l	96
22) Diisopropyl ether	3.999	45	3449	0.89	ug/l #	50
23) Vinyl Acetate	3.970	43	15489	4.79	ug/l	97
24) 1,1-Dichloroethane	3.880	63	2074	0.91	ug/l #	85
25) 2-Butanone	4.723	43	6611	6.38	ug/l #	88
26) 2,2-Dichloropropane	4.678	77	1753	0.94	ug/l	82
27) cis-1,2-Dichloroethene	4.678	96	1077	0.82	ug/l	86
28) Bromochloromethane	4.990	49	837	0.79	ug/l #	92
29) Tetrahydrofuran	5.073	42	3700	5.84	ug/l #	88
30) Chloroform	5.096	83	2112	0.90	ug/l	92
32) 1,1,1-Trichloroethane	5.321	97	1768	0.93	ug/l #	47
36) 1,1-Dichloropropene	5.536	75	1287	0.80	ug/l #	83
37) Ethyl Acetate	4.826	43	2206	1.13	ug/l #	76
38) Carbon Tetrachloride	5.533	117	1633	0.95	ug/l	93
39) Methylcyclohexane	6.771	83	1583	0.92	ug/l	92
40) Benzene	5.787	78	4482	0.89	ug/l	97
41) Methacrylonitrile	4.990	41	1033	1.00	ug/l #	81
42) 1,2-Dichloroethane	5.806	62	1716	0.94	ug/l #	80
43) Isopropyl Acetate	5.932	43	3140	1.03	ug/l #	96
44) Trichloroethene	6.552	130	1071	0.77	ug/l	81
45) 1,2-Dichloropropane	6.803	63	977	0.66	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.932	93	775	0.83	ug/l	96
47) Bromodichloromethane	7.118	83	1475	0.77	ug/l #	95
48) Methyl methacrylate	6.970	41	1301	0.89	ug/l	93
49) 1,4-Dioxane	7.002	88	463	14.78	ug/l #	41
51) 4-Methyl-2-Pentanone	7.806	43	10359	4.91	ug/l	99
52) Toluene	7.977	92	2217	0.70	ug/l	88
53) t-1,3-Dichloropropene	8.221	75	1433	0.72	ug/l #	87
54) cis-1,3-Dichloropropene	7.613	75	1716	0.79	ug/l #	86
55) 1,1,2-Trichloroethane	8.404	97	1058	0.74	ug/l	96
56) Ethyl methacrylate	8.350	69	1415	0.73	ug/l	95
57) 1,3-Dichloropropane	8.584	76	1851	0.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.475	63	966	1.58	ug/l #	81
59) 2-Hexanone	8.700	43	8268	5.18	ug/l	97
60) Dibromochloromethane	8.822	129	1134	0.73	ug/l	98
61) 1,2-Dibromoethane	8.938	107	1227	0.86	ug/l	96
64) Tetrachloroethene	8.562	164	1126	0.91	ug/l #	78
65) Chlorobenzene	9.456	112	2786	0.80	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	9.539	131	1107	0.82	ug/l #	62
67) Ethyl Benzene	9.581	91	4667	0.81	ug/l	95
68) m/p-Xylenes	9.706	106	3156	1.45	ug/l	93
69) o-Xylene	10.112	106	1654	0.78	ug/l	75
70) Styrene	10.121	104	2385	0.65	ug/l	97
71) Bromoform	10.301	173	897	0.76	ug/l #	94
73) Isopropylbenzene	10.494	105	4048	0.91	ug/l	94
74) N-amyl acetate	10.330	43	2045	1.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	1823	1.01	ug/l #	96
76) 1,2,3-Trichloropropane	10.835	75	1856m	1.22	ug/l	
77) Bromobenzene	10.793	156	1200	0.97	ug/l	99
78) n-propylbenzene	10.915	91	4227	0.82	ug/l	100
79) 2-Chlorotoluene	10.993	91	2845	0.91	ug/l	95
80) 1,3,5-Trimethylbenzene	11.095	105	3161	0.85	ug/l	96
82) 4-Chlorotoluene	11.105	91	3407	0.94	ug/l	93
83) tert-Butylbenzene	11.430	119	3569	0.96	ug/l	94
84) 1,2,4-Trimethylbenzene	11.475	105	3186	0.85	ug/l	90
85) sec-Butylbenzene	11.652	105	3395	0.77	ug/l	98
86) p-Isopropyltoluene	11.803	119	2840	0.70	ug/l	91
87) 1,3-Dichlorobenzene	11.755	146	2113	0.94	ug/l	95
88) 1,4-Dichlorobenzene	11.845	146	2160m	0.92	ug/l	
89) n-Butylbenzene	12.218	91	2892	0.81	ug/l	94
90) Hexachloroethane	12.484	117	661	0.99	ug/l	80
91) 1,2-Dichlorobenzene	12.224	146	2158	0.97	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	13.005	75	492	1.40	ug/l	79
93) 1,2,4-Trichlorobenzene	13.851	180	1072	0.82	ug/l	93
94) Hexachlorobutadiene	14.031	225	840	1.06	ug/l	85
95) Naphthalene	14.095	128	2281	0.64	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.340	180	1127	0.82	ug/l	88

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

