

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066603.D
 Acq On : 15 Apr 2021 10:08
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:18 PM

Quant Time: Apr 15 12:25:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	198235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	330430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	303021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	128627	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	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.835	85	2420	0.95	ug/l	99
3) Chloromethane	2.034	50	4036	1.16	ug/l	96
4) Vinyl Chloride	2.163	62	3276	1.03	ug/l	100
6) Chloroethane	2.664	64	2081	1.00	ug/l	100
7) Trichlorofluoromethane	2.973	101	4090	1.01	ug/l	94
8) Diethyl Ether	3.359	74	1553	1.06	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.697	101	2287	1.06	ug/l #	79
12) 1,1-Dichloroethene	3.678	96	2073	0.99	ug/l #	78
14) Allyl chloride	4.249	41	4782	1.16	ug/l #	92
15) Acrylonitrile	4.904	53	6129	4.86	ug/l #	87
16) Acetone	3.756	43	10260	9.14	ug/l	94
17) Carbon Disulfide	3.986	76	8873	1.31	ug/l	99
18) Methyl Acetate	4.260	43	3399m	1.09	ug/l	
19) Methyl tert-butyl Ether	4.957	73	7077	0.95	ug/l	96
20) Methylene Chloride	4.469	84	3469	1.21	ug/l	95
21) trans-1,2-Dichloroethene	4.952	96	2471	1.04	ug/l	94
22) Diisopropyl ether	5.858	45	8205	0.90	ug/l #	69
23) Vinyl Acetate	5.807	43	33839	4.68	ug/l	94
24) 1,1-Dichloroethane	5.754	63	5159	1.04	ug/l #	82
25) 2-Butanone	6.749	43	8901	5.38	ug/l	89
26) 2,2-Dichloropropane	6.738	77	4282m	1.07	ug/l	
27) cis-1,2-Dichloroethene	6.738	96	2750	1.00	ug/l	88
28) Bromochloromethane	7.105	49	2732	1.12	ug/l #	35
29) Tetrahydrofuran	7.130	42	5422	4.91	ug/l #	85
30) Chloroform	7.285	83	4682m	0.99	ug/l	
32) 1,1,1-Trichloroethane	7.486	97	3927	0.99	ug/l #	50
36) 1,1-Dichloropropene	7.720	75	3666	1.05	ug/l #	85
37) Ethyl Acetate	6.840	43	3305m	0.90	ug/l	
38) Carbon Tetrachloride	7.696	117	3347	0.99	ug/l	98
39) Methylcyclohexane	9.012	83	3923	0.98	ug/l	97
40) Benzene	7.964	78	11141	1.00	ug/l	99
41) Methacrylonitrile	7.095	41	1632	0.95	ug/l #	100
42) 1,2-Dichloroethane	8.058	62	3840	1.00	ug/l	86
43) Isopropyl Acetate	8.092	43	6255	1.00	ug/l #	78
44) Trichloroethene	8.771	130	2611	1.02	ug/l	89
45) 1,2-Dichloropropane	9.053	63	3078	0.99	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.144	93	1886	1.03	ug/l	90
47) Bromodichloromethane	9.337	83	3678	0.95	ug/l	92
48) Methyl methacrylate	9.138	41	2770	0.98	ug/l #	82
49) 1,4-Dioxane	9.144	88	861	19.68	ug/l	94
51) 4-Methyl-2-Pentanone	9.924	43	15966	4.52	ug/l	91
52) Toluene	10.093	92	5794	0.89	ug/l	91
53) t-1,3-Dichloropropene	10.327	75	3733	0.91	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	4241	0.94	ug/l #	86
55) 1,1,2-Trichloroethane	10.498	97	2655	1.00	ug/l	99
56) Ethyl methacrylate	10.375	69	2406	0.67	ug/l	87
57) 1,3-Dichloropropane	10.648	76	4342	0.97	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.637	63	1767	3.00	ug/l #	70
59) 2-Hexanone	10.699	43	7298	3.34	ug/l	75
60) Dibromochloromethane	10.841	129	2714	0.97	ug/l	95
61) 1,2-Dibromoethane	10.949	107	2363	0.92	ug/l	99
64) Tetrachloroethene	10.573	164	2258	1.02	ug/l	92
65) Chlorobenzene	11.375	112	6991	1.02	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.450	131	2336	0.92	ug/l #	63
67) Ethyl Benzene	11.456	91	11042	0.92	ug/l	99
68) m/p-Xylenes	11.568	106	7283	1.64	ug/l	98
69) o-Xylene	11.895	106	3382	0.79	ug/l	86
70) Styrene	11.920	104	4827	0.69	ug/l	98
71) Bromoform	12.081	173	1299	0.68	ug/l #	95
73) Isopropylbenzene	12.196	105	8630	0.87	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.451	83	3595	1.00	ug/l #	96
76) 1,2,3-Trichloropropane	12.502	75	2933m	0.95	ug/l	
77) Bromobenzene	12.477	156	1992	0.80	ug/l	68
78) n-propylbenzene	12.545	91	9897	0.88	ug/l	92
79) 2-Chlorotoluene	12.622	91	5478	0.79	ug/l	89
80) 1,3,5-Trimethylbenzene	12.681	105	7169	0.85	ug/l	100
82) 4-Chlorotoluene	12.732	91	5583	0.81	ug/l	98
83) tert-Butylbenzene	12.941	119	6021	0.86	ug/l	98
84) 1,2,4-Trimethylbenzene	12.990	105	6650	0.84	ug/l	96
85) sec-Butylbenzene	13.116	105	8810	0.94	ug/l	100
86) p-Isopropyltoluene	13.234	119	6333	0.81	ug/l	97
87) 1,3-Dichlorobenzene	13.234	146	4278	0.99	ug/l	96
88) 1,4-Dichlorobenzene	13.306	146	6145m	1.32	ug/l	
89) n-Butylbenzene	13.580	91	5621	0.79	ug/l #	70
90) Hexachloroethane	13.813	117	1872	1.07	ug/l	85
91) 1,2-Dichlorobenzene	13.609	146	4038	0.94	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.234	75	708m	1.34	ug/l	
93) 1,2,4-Trichlorobenzene	14.864	180	2678	1.12	ug/l	91
94) Hexachlorobutadiene	14.948	225	1604	1.18	ug/l	93
95) Naphthalene	15.082	128	7199	1.26	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.261	180	2774	1.21	ug/l	97

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

