

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077259.D
 Acq On : 05 Apr 2023 12:52
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Apr 05 13:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:00:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	515206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	982228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	914532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	429611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	579700	109.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 218.580%#			
35) Dibromofluoromethane	8.172	113	520899	85.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 171.880%#			
50) Toluene-d8	10.571	98	2125587	96.977	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 193.960%#			
62) 4-Bromofluorobenzene	12.854	95	739141	101.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 203.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	545601	207.226	ug/l	98
3) Chloromethane	2.372	50	594770	175.055	ug/l	99
4) Vinyl Chloride	2.519	62	866365	233.961	ug/l	98
5) Bromomethane	2.931	94	609318	228.873	ug/l	95
6) Chloroethane	3.113	64	581625	187.846	ug/l	100
7) Trichlorofluoromethane	3.495	101	757517	90.301	ug/l	99
8) Diethyl Ether	3.966	74	320687	99.265	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.372	101	452434	90.331	ug/l	91
10) Methyl Iodide	4.595	142	601350	97.914	ug/l	98
11) Tert butyl alcohol	5.531	59	552189	641.640	ug/l	99
12) 1,1-Dichloroethene	4.342	96	474289	102.408	ug/l	86
13) Acrolein	4.190	56	534835	585.679	ug/l	100
14) Allyl chloride	5.031	41	676184	84.234	ug/l #	81
15) Acrylonitrile	5.731	53	1297206	458.423	ug/l	99
16) Acetone	4.437	43	941562	357.030	ug/l	96
17) Carbon Disulfide	4.719	76	1342163	108.853	ug/l	98
18) Methyl Acetate	5.031	43	781537	78.798	ug/l #	89
19) Methyl tert-butyl Ether	5.801	73	1756635	113.344	ug/l	94
20) Methylene Chloride	5.284	84	547396	92.725	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	539378	106.508	ug/l	92
22) Diisopropyl ether	6.684	45	1514725	89.223	ug/l #	90
23) Vinyl Acetate	6.613	43	5261793	516.510	ug/l #	92
24) 1,1-Dichloroethane	6.578	63	950587	95.321	ug/l	99
25) 2-Butanone	7.489	43	1640045	437.484	ug/l	90
26) 2,2-Dichloropropane	7.495	77	882342	119.593	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	647039	106.832	ug/l	93
28) Bromochloromethane	7.819	49	377120	86.658	ug/l	94
29) Tetrahydrofuran	7.842	42	1087090	461.210	ug/l #	83
30) Chloroform	7.972	83	1019398	103.772	ug/l	97
31) Cyclohexane	8.260	56	829230	88.637	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	928986	112.104	ug/l	97
36) 1,1-Dichloropropene	8.378	75	768694	86.387	ug/l	98
37) Ethyl Acetate	7.566	43	699731	78.381	ug/l	97
38) Carbon Tetrachloride	8.366	117	798027	87.463	ug/l	97
39) Methylcyclohexane	9.607	83	1042010	95.483	ug/l	90
40) Benzene	8.613	78	2386793	85.436	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077259.D
 Acq On : 05 Apr 2023 12:52
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 13:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:00:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	366926	75.193	ug/l #	90
42) 1,2-Dichloroethane	8.672	62	745305	81.532	ug/l	99
43) Isopropyl Acetate	8.695	43	1224223	87.418	ug/l	96
44) Trichloroethene	9.354	130	573501	79.341	ug/l	96
45) 1,2-Dichloropropane	9.624	63	576841	77.620	ug/l	98
46) Dibromomethane	9.713	93	423298	89.592	ug/l #	83
47) Bromodichloromethane	9.889	83	836130	89.881	ug/l	99
48) Methyl methacrylate	9.683	41	532581	78.842	ug/l #	78
49) 1,4-Dioxane	9.701	88	251033	1953.494	ug/l #	88
51) 4-Methyl-2-Pentanone	10.448	43	3689901	416.122	ug/l	96
52) Toluene	10.636	92	1614757	95.558	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	978128	106.601	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	1014017	95.127	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	610930	87.401	ug/l	98
56) Ethyl methacrylate	10.877	69	995189	102.851	ug/l	88
57) 1,3-Dichloropropane	11.166	76	1008085	84.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	1565304	467.975	ug/l	96
59) 2-Hexanone	11.201	43	2717636	422.310	ug/l	96
60) Dibromochloromethane	11.366	129	660994	91.016	ug/l	99
61) 1,2-Dibromoethane	11.471	107	627754	92.503	ug/l	99
64) Tetrachloroethene	11.107	164	459718	68.652	ug/l	91
65) Chlorobenzene	11.895	112	1666672	86.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	606540	81.972	ug/l	97
67) Ethyl Benzene	11.966	91	3115554	95.710	ug/l	99
68) m/p-Xylenes	12.071	106	2449673	193.483	ug/l	100
69) o-Xylene	12.401	106	1211986	99.271	ug/l	99
70) Styrene	12.413	104	2020647	103.957	ug/l	99
71) Bromoform	12.577	173	461540	79.465	ug/l #	100
73) Isopropylbenzene	12.701	105	3149984	98.326	ug/l	98
74) N-amyl acetate	12.495	43	1158786	98.113	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	940566	84.421	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	684159m	71.252	ug/l	
77) Bromobenzene	12.983	156	641037	74.725	ug/l	85
78) n-propylbenzene	13.042	91	3605725	102.061	ug/l	99
79) 2-Chlorotoluene	13.130	91	2095531	92.215	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	2656453	103.158	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	340883m	101.504	ug/l	
82) 4-Chlorotoluene	13.224	91	2087402	97.757	ug/l	96
83) tert-Butylbenzene	13.442	119	2247480	95.793	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	2638409	104.913	ug/l	97
85) sec-Butylbenzene	13.618	105	3298562	104.129	ug/l	97
86) p-Isopropyltoluene	13.730	119	2690851	104.149	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	1269695	84.355	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	1258274	84.730	ug/l	97
89) n-Butylbenzene	14.060	91	2352956	113.706	ug/l	98
90) Hexachloroethane	14.336	117	547187	101.807	ug/l	66
91) 1,2-Dichlorobenzene	14.112	146	1260969	85.295	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	185764	99.804	ug/l	87
93) 1,2,4-Trichlorobenzene	15.371	180	577804	100.445	ug/l	97
94) Hexachlorobutadiene	15.465	225	253920	51.597	ug/l	98
95) Naphthalene	15.589	128	2225012	145.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.759	180	559334	99.013	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
Data File : VN077259.D
Acq On : 05 Apr 2023 12:52
Operator : JC\MD
Sample : VSTDICC075
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 13:10:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 05 13:00:05 2023
Response via : Initial Calibration

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

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

