

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076559.D
 Acq On : 07 Feb 2023 12:07
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 08 08:57:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	552231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	940683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	824534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	358539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	35401	5.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.860%#		
35) Dibromofluoromethane	8.177	113	31230	5.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.680%#		
50) Toluene-d8	10.571	98	113558	5.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	12.853	95	39143	5.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	23017	4.012	ug/l	97
3) Chloromethane	2.371	50	24972	4.736	ug/l	100
4) Vinyl Chloride	2.530	62	22937	4.738	ug/l	94
5) Bromomethane	2.954	94	19942	5.552	ug/l	99
6) Chloroethane	3.124	64	14046	4.797	ug/l	100
7) Trichlorofluoromethane	3.506	101	51226	5.368	ug/l	100
8) Diethyl Ether	3.977	74	17898	4.953	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	29182	4.937	ug/l	99
10) Methyl Iodide	4.606	142	38681	4.474	ug/l	99
11) Tert butyl alcohol	5.547	59	21870	25.760	ug/l #	72
12) 1,1-Dichloroethene	4.359	96	28099	5.088	ug/l	98
13) Acrolein	4.200	56	31283	27.583	ug/l	95
14) Allyl chloride	5.042	41	33383	4.641	ug/l	99
15) Acrylonitrile	5.736	53	62479	24.524	ug/l	97
16) Acetone	4.453	43	57082	26.563	ug/l	94
17) Carbon Disulfide	4.724	76	66783	4.668	ug/l	99
18) Methyl Acetate	5.047	43	32506	4.781	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	91666	4.991	ug/l	99
20) Methylene Chloride	5.289	84	34797	5.253	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	29523	4.919	ug/l	97
22) Diisopropyl ether	6.683	45	82237	5.045	ug/l	98
23) Vinyl Acetate	6.618	43	254018m	24.827	ug/l	
24) 1,1-Dichloroethane	6.583	63	52726	5.037	ug/l	99
25) 2-Butanone	7.494	43	78044	25.266	ug/l	97
26) 2,2-Dichloropropane	7.500	77	43349	4.961	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	34829	4.962	ug/l	98
28) Bromochloromethane	7.818	49	22142	5.279	ug/l	95
29) Tetrahydrofuran	7.847	42	48006	24.182	ug/l	99
30) Chloroform	7.977	83	58369	5.140	ug/l	99
31) Cyclohexane	8.265	56	57320	5.564	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	51174	5.029	ug/l	91
36) 1,1-Dichloropropene	8.377	75	41421	4.961	ug/l	99
37) Ethyl Acetate	7.571	43	30503	4.800	ug/l	98
38) Carbon Tetrachloride	8.371	117	44564	4.964	ug/l	99
39) Methylcyclohexane	9.600	83	51134	4.932	ug/l	95
40) Benzene	8.612	78	127314	5.030	ug/l	98

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 VSTDICC005

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18075	5.103	ug/l	96
42) 1,2-Dichloroethane	8.677	62	41990	5.096	ug/l	99
43) Isopropyl Acetate	8.694	43	48947	4.703	ug/l	99
44) Trichloroethene	9.353	130	33723	4.990	ug/l	97
45) 1,2-Dichloropropane	9.624	63	30172	4.964	ug/l	99
46) Dibromomethane	9.712	93	22395	5.107	ug/l	94
47) Bromodichloromethane	9.894	83	44459	5.042	ug/l	93
48) Methyl methacrylate	9.682	41	25096	4.903	ug/l	94
49) 1,4-Dioxane	9.700	88	11324	103.414	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	154705	24.731	ug/l	98
52) Toluene	10.635	92	80944	4.956	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	39643	4.653	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47172	4.855	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	32821	5.131	ug/l	95
56) Ethyl methacrylate	10.877	69	40646	4.747	ug/l	98
57) 1,3-Dichloropropane	11.165	76	52431	5.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	57906	23.667	ug/l	99
59) 2-Hexanone	11.200	43	110902	24.868	ug/l	96
60) Dibromochloromethane	11.359	129	32698	4.850	ug/l	99
61) 1,2-Dibromoethane	11.471	107	31445	4.966	ug/l	99
64) Tetrachloroethene	11.106	164	37061	5.398	ug/l	90
65) Chlorobenzene	11.894	112	87858	5.153	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	30923	4.897	ug/l	99
67) Ethyl Benzene	11.965	91	150490	4.966	ug/l	99
68) m/p-Xylenes	12.076	106	117198	9.927	ug/l	99
69) o-Xylene	12.400	106	57866	5.005	ug/l	100
70) Styrene	12.418	104	88477	4.812	ug/l	98
71) Bromoform	12.582	173	21765	4.938	ug/l #	99
73) Isopropylbenzene	12.700	105	146485	4.989	ug/l	100
74) N-amyl acetate	12.500	43	38407	4.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	41124	5.110	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	31769m	4.478	ug/l	
77) Bromobenzene	12.982	156	33632	4.924	ug/l	97
78) n-propylbenzene	13.041	91	158035	4.888	ug/l	100
79) 2-Chlorotoluene	13.129	91	105091	5.102	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	122434	5.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	9887m	4.588	ug/l	
82) 4-Chlorotoluene	13.129	91	105091	5.102	ug/l	98
83) tert-Butylbenzene	13.441	119	111472	5.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	119280	4.918	ug/l	98
85) sec-Butylbenzene	13.618	105	146143	4.965	ug/l	99
86) p-Isopropyltoluene	13.729	119	116879	4.845	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	62502	4.972	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	63140	4.945	ug/l	94
89) n-Butylbenzene	14.059	91	86980	4.554	ug/l	100
90) Hexachloroethane	14.335	117	20324	4.837	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	61000	4.922	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6804	4.885	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	24897	4.384	ug/l	99
94) Hexachlorobutadiene	15.500	225	15994	5.009	ug/l	99
95) Naphthalene	15.647	128	64783	3.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23438	4.310	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

