

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076538.D
 Acq On : 06 Feb 2023 12:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 07 00:58:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 00:55:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	547807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	928271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	813500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	34919	3.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	7.540%#		
35) Dibromofluoromethane	8.171	113	29147	3.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	7.280%#		
50) Toluene-d8	10.571	98	109844	3.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	7.760%#		
62) 4-Bromofluorobenzene	12.853	95	36164	3.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	7.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	22538	3.322	ug/l	96
3) Chloromethane	2.371	50	26234	4.712	ug/l	91
4) Vinyl Chloride	2.530	62	21931	4.763	ug/l	98
5) Bromomethane	2.954	94	20854	5.285	ug/l	93
6) Chloroethane	3.118	64	14975	5.206	ug/l	91
7) Trichlorofluoromethane	3.512	101	50526	5.044	ug/l	98
8) Diethyl Ether	3.977	74	18147	4.982	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	29440	5.041	ug/l	98
10) Methyl Iodide	4.595	142	39979	4.773	ug/l	98
11) Tert butyl alcohol	5.547	59	23268	25.236	ug/l	98
12) 1,1-Dichloroethene	4.353	96	27864	5.025	ug/l	95
13) Acrolein	4.200	56	33268	26.341	ug/l	97
14) Allyl chloride	5.036	41	35483	4.894	ug/l	95
15) Acrylonitrile	5.736	53	66485	25.751	ug/l	99
16) Acetone	4.453	43	64020	24.430	ug/l	98
17) Carbon Disulfide	4.724	76	66992	4.754	ug/l	98
18) Methyl Acetate	5.047	43	34527	4.953	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	90299	5.012	ug/l	97
20) Methylene Chloride	5.289	84	33854	5.135	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	29458	5.042	ug/l	95
22) Diisopropyl ether	6.689	45	80026	4.954	ug/l	94
23) Vinyl Acetate	6.618	43	252369	24.242	ug/l	98
24) 1,1-Dichloroethane	6.583	63	52903	5.159	ug/l	96
25) 2-Butanone	7.494	43	86665	26.880	ug/l	98
26) 2,2-Dichloropropane	7.494	77	44039	5.096	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	34191	4.999	ug/l	97
28) Bromochloromethane	7.818	49	22041	5.191	ug/l	100
29) Tetrahydrofuran	7.853	42	53789	26.217	ug/l	99
30) Chloroform	7.971	83	57129	5.075	ug/l	96
31) Cyclohexane	8.265	56	57566	4.708	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	50888	5.070	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	40828	4.974	ug/l	99
37) Ethyl Acetate	7.577	43	30889	4.718	ug/l	97
38) Carbon Tetrachloride	8.371	117	45066	5.039	ug/l	96
39) Methylcyclohexane	9.606	83	48585	4.880	ug/l	95
40) Benzene	8.612	78	126779	5.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17697	5.062	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44172	5.319	ug/l	96
43) Isopropyl Acetate	8.694	43	52235	4.906	ug/l	100
44) Trichloroethene	9.359	130	34063	5.099	ug/l	99
45) 1,2-Dichloropropane	9.624	63	30390	5.013	ug/l	93
46) Dibromomethane	9.712	93	21771	5.008	ug/l	98
47) Bromodichloromethane	9.894	83	43862	5.042	ug/l	93
48) Methyl methacrylate	9.682	41	25489	5.012	ug/l	97
49) 1,4-Dioxane	9.700	88	11954	99.783	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	166471	26.088	ug/l	96
52) Toluene	10.635	92	81521	5.112	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	39254	4.662	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	46645	4.910	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	32161	5.152	ug/l	98
56) Ethyl methacrylate	10.877	69	40300	4.810	ug/l	96
57) 1,3-Dichloropropane	11.171	76	54424	5.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	61744	26.407	ug/l	97
59) 2-Hexanone	11.200	43	123436	26.626	ug/l	94
60) Dibromochloromethane	11.365	129	33521	5.053	ug/l	100
61) 1,2-Dibromoethane	11.471	107	30805	4.940	ug/l	98
64) Tetrachloroethene	11.106	164	36308	5.287	ug/l	96
65) Chlorobenzene	11.894	112	85768	5.098	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	31957	5.183	ug/l	98
67) Ethyl Benzene	11.965	91	146258	4.939	ug/l	99
68) m/p-Xylenes	12.071	106	114670	9.985	ug/l	99
69) o-Xylene	12.400	106	55968	4.959	ug/l	96
70) Styrene	12.412	104	86137	4.798	ug/l	100
71) Bromoform	12.582	173	21687	4.929	ug/l #	97
73) Isopropylbenzene	12.700	105	145378	5.249	ug/l	99
74) N-amyl acetate	12.494	43	40382	5.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	44070	5.490	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	39951m	5.300	ug/l	
77) Bromobenzene	12.982	156	33142	5.086	ug/l	96
78) n-propylbenzene	13.041	91	155627	5.050	ug/l	99
79) 2-Chlorotoluene	13.129	91	101330	5.180	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	121117	5.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	9737	4.581	ug/l	88
82) 4-Chlorotoluene	13.129	91	101330	5.180	ug/l	100
83) tert-Butylbenzene	13.441	119	108723	5.208	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	120175	5.160	ug/l	97
85) sec-Butylbenzene	13.618	105	139232	4.947	ug/l	98
86) p-Isopropyltoluene	13.729	119	113075	4.934	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	61329	5.081	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	61406	5.043	ug/l	96
89) n-Butylbenzene	14.059	91	84287	4.636	ug/l	98
90) Hexachloroethane	14.335	117	19411	4.960	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	60661	5.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6782	4.902	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	23305	4.464	ug/l	99
94) Hexachlorobutadiene	15.506	225	15611	5.208	ug/l	97
95) Naphthalene	15.641	128	65874	4.284	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	22992	4.581	ug/l	99

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

