

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070431.D
 Acq On : 3 Jan 2022 12:29
 Operator : JC/MD
 Sample : VN0103WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Quant Time: Jan 04 01:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1080728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1718291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1570960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	649816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	678656	43.675	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.340%		
35) Dibromofluoromethane	8.019	113	500528	48.144	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.280%		
50) Toluene-d8	10.438	98	2006288	47.239	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.728	95	706137	46.034	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	227469	18.560	ug/l	100
3) Chloromethane	2.303	50	310227	18.608	ug/l	99
4) Vinyl Chloride	2.448	62	283369	18.668	ug/l	97
5) Bromomethane	2.864	94	158101	20.180	ug/l	99
6) Chloroethane	3.025	64	167656	18.341	ug/l	98
7) Trichlorofluoromethane	3.379	101	335876	18.384	ug/l	98
8) Diethyl Ether	3.824	74	152260	18.905	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	221675	19.837	ug/l	95
10) Methyl Iodide	4.419	142	293271	19.393	ug/l	98
11) Tert butyl alcohol	5.372	59	232007	89.672	ug/l	97
12) 1,1-Dichloroethene	4.181	96	206402	18.752	ug/l	92
13) Acrolein	4.039	56	119092	56.730	ug/l	98
14) Allyl chloride	4.840	41	482903	19.351	ug/l #	85
15) Acrylonitrile	5.557	53	785888	97.339	ug/l	98
16) Acetone	4.285	43	940815	93.269	ug/l	100
17) Carbon Disulfide	4.529	76	562787	18.732	ug/l	98
18) Methyl Acetate	4.857	43	540851	18.536	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	782968	19.155	ug/l	93
20) Methylene Chloride	5.093	84	263888	18.908	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	222648	19.105	ug/l	85
22) Diisopropyl ether	6.498	45	985057	20.266	ug/l	91
23) Vinyl Acetate	6.434	43	3652869	96.863	ug/l	95
24) 1,1-Dichloroethane	6.388	63	478750	18.996	ug/l	98
25) 2-Butanone	7.335	43	1183108	93.152	ug/l	91
26) 2,2-Dichloropropane	7.324	77	355145	17.863	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	268971	19.343	ug/l	87
28) Bromochloromethane	7.657	49	212262	17.221	ug/l #	76
29) Tetrahydrofuran	7.683	42	733042	96.735	ug/l #	86
30) Chloroform	7.815	83	463711	19.072	ug/l	97
31) Cyclohexane	8.091	56	485456	19.798	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	375803	18.331	ug/l	95
36) 1,1-Dichloropropene	8.220	75	343274	19.959	ug/l	96
37) Ethyl Acetate	7.410	43	436275	19.570	ug/l	95
38) Carbon Tetrachloride	8.206	117	312664	19.038	ug/l	99
39) Methylcyclohexane	9.456	83	418051	20.078	ug/l	88
40) Benzene	8.458	78	1075539	20.398	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	228083	20.455	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	380930	19.221	ug/l	99
43) Isopropyl Acetate	8.558	43	679934	19.345	ug/l #	95
44) Trichloroethene	9.215	130	247791	19.778	ug/l	91
45) 1,2-Dichloropropane	9.488	63	293401	20.667	ug/l	100
46) Dibromomethane	9.574	93	174787	19.800	ug/l	95
47) Bromodichloromethane	9.759	83	354239	20.209	ug/l	99
48) Methyl methacrylate	9.558	41	312419	18.635	ug/l #	83
49) 1,4-Dioxane	9.566	88	100330	408.825	ug/l	87
51) 4-Methyl-2-Pentanone	10.331	43	2218487	100.450	ug/l	96
52) Toluene	10.502	92	660142	20.684	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	365995	19.287	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	409230	19.936	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	254424	20.148	ug/l	97
56) Ethyl methacrylate	10.760	69	409289	19.616	ug/l	88
57) 1,3-Dichloropropane	11.044	76	457987	20.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	333466	76.449	ug/l	90
59) 2-Hexanone	11.084	43	1592820	98.898	ug/l	94
60) Dibromochloromethane	11.234	129	247911	20.122	ug/l	100
61) 1,2-Dibromoethane	11.344	107	249866	19.488	ug/l	100
64) Tetrachloroethene	10.974	164	224560	19.740	ug/l	96
65) Chlorobenzene	11.768	112	671530	20.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	234071	19.671	ug/l	99
67) Ethyl Benzene	11.843	91	1252470	20.508	ug/l	96
68) m/p-Xylenes	11.950	106	918791	41.330	ug/l	93
69) o-Xylene	12.278	106	454607	20.559	ug/l	93
70) Styrene	12.291	104	729768	20.852	ug/l	96
71) Bromoform	12.457	173	180238	20.409	ug/l #	99
73) Isopropylbenzene	12.578	105	1190190	19.723	ug/l	98
74) N-amyl acetate	12.388	43	459309	18.102	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	396021	19.024	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	351849m	20.023	ug/l	
77) Bromobenzene	12.860	156	270312	19.511	ug/l	78
78) n-propylbenzene	12.919	91	1353318	20.241	ug/l	96
79) 2-Chlorotoluene	13.004	91	829549	19.337	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	969153	20.041	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	96155	18.079	ug/l	96
82) 4-Chlorotoluene	13.104	91	794664	19.775	ug/l	92
83) tert-Butylbenzene	13.321	119	831670	19.532	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	944915	20.292	ug/l	98
85) sec-Butylbenzene	13.501	105	1156466	20.005	ug/l	97
86) p-Isopropyltoluene	13.613	119	915434	20.158	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	459914	19.830	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	443631	19.392	ug/l	97
89) n-Butylbenzene	13.940	91	722958	19.086	ug/l	97
90) Hexachloroethane	14.209	117	155408	19.699	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	451450	19.856	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	60503	17.308	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	200071	18.676	ug/l	99
94) Hexachlorobutadiene	15.367	225	129176	20.747	ug/l	99
95) Naphthalene	15.504	128	476790	17.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	189689	19.032	ug/l	97

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

