

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075735.D
 Acq On : 13 Dec 2022 02:52
 Operator : JC\MD
 Sample : VN1212WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS02

Quant Time: Dec 13 03:10:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	225192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119874	50.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.340%			
35) Dibromofluoromethane	8.171	113	109150	48.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	10.571	98	415431	49.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.847	95	135273	46.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	27752	16.756	ug/l	99
3) Chloromethane	2.377	50	34203	17.333	ug/l	97
4) Vinyl Chloride	2.524	62	41815	17.251	ug/l	99
5) Bromomethane	2.965	94	35468	17.180	ug/l	96
6) Chloroethane	3.136	64	30739	16.996	ug/l	99
7) Trichlorofluoromethane	3.512	101	61841	17.584	ug/l	100
8) Diethyl Ether	3.977	74	24048	18.704	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	35587	17.242	ug/l	99
10) Methyl Iodide	4.601	142	59273	17.574	ug/l	100
11) Tert butyl alcohol	5.530	59	30843	87.256	ug/l	97
12) 1,1-Dichloroethene	4.359	96	35205	18.249	ug/l	95
13) Acrolein	4.189	56	44060	108.228	ug/l	99
14) Allyl chloride	5.036	41	40685	16.935	ug/l	96
15) Acrylonitrile	5.736	53	84695	92.762	ug/l	98
16) Acetone	4.448	43	64054	79.161	ug/l	96
17) Carbon Disulfide	4.724	76	86370	16.920	ug/l	98
18) Methyl Acetate	5.042	43	44164	16.985	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	124757	19.225	ug/l	99
20) Methylene Chloride	5.295	84	42570	17.648	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	38461	17.840	ug/l	98
22) Diisopropyl ether	6.677	45	107094	19.592	ug/l	97
23) Vinyl Acetate	6.612	43	397663m	95.406	ug/l	
24) 1,1-Dichloroethane	6.583	63	68418	19.015	ug/l	99
25) 2-Butanone	7.489	43	103739	87.700	ug/l	97
26) 2,2-Dichloropropane	7.495	77	50278	16.384	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	48083	18.371	ug/l	99
28) Bromochloromethane	7.824	49	28495	19.807	ug/l	99
29) Tetrahydrofuran	7.847	42	68520	93.980	ug/l	99
30) Chloroform	7.971	83	77535	19.455	ug/l	96
31) Cyclohexane	8.259	56	59381	16.786	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	68827	18.719	ug/l	96
36) 1,1-Dichloropropene	8.377	75	53865	18.062	ug/l	98
37) Ethyl Acetate	7.571	43	41973	17.530	ug/l	100
38) Carbon Tetrachloride	8.371	117	58762	17.076	ug/l	99
39) Methylcyclohexane	9.600	83	64880	17.157	ug/l	99
40) Benzene	8.612	78	169287	18.497	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	23558	19.188	ug/l	97
42) 1,2-Dichloroethane	8.677	62	57742	18.860	ug/l	98
43) Isopropyl Acetate	8.694	43	72701	18.188	ug/l	99
44) Trichloroethene	9.353	130	46188	17.889	ug/l	87
45) 1,2-Dichloropropane	9.624	63	40778	18.734	ug/l	100
46) Dibromomethane	9.712	93	30491	18.658	ug/l	99
47) Bromodichloromethane	9.889	83	58563	18.277	ug/l	98
48) Methyl methacrylate	9.689	41	33334	18.107	ug/l	96
49) 1,4-Dioxane	9.694	88	15859	354.379	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	221967	90.056	ug/l	99
52) Toluene	10.630	92	113138	18.703	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	59136	18.687	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	64056	18.194	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	44142	18.559	ug/l	96
56) Ethyl methacrylate	10.877	69	59533	18.472	ug/l	99
57) 1,3-Dichloropropane	11.165	76	71847	18.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	70118	73.687	ug/l	99
59) 2-Hexanone	11.194	43	163869	91.511	ug/l	100
60) Dibromochloromethane	11.359	129	49372	18.864	ug/l	98
61) 1,2-Dibromoethane	11.471	107	45791	18.376	ug/l	98
64) Tetrachloroethene	11.106	164	41071	17.365	ug/l	95
65) Chlorobenzene	11.894	112	121347	18.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	46114	18.971	ug/l	99
67) Ethyl Benzene	11.965	91	212666	18.816	ug/l	97
68) m/p-Xylenes	12.071	106	171145	37.476	ug/l	100
69) o-Xylene	12.400	106	84378	19.040	ug/l	100
70) Styrene	12.412	104	137268	19.313	ug/l	99
71) Bromoform	12.582	173	34249	18.589	ug/l #	99
73) Isopropylbenzene	12.700	105	217836	19.436	ug/l	100
74) N-amyl acetate	12.494	43	65074	19.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	62993	18.710	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51763m	16.513	ug/l	
77) Bromobenzene	12.982	156	53003	18.805	ug/l	99
78) n-propylbenzene	13.035	91	241189	19.393	ug/l	100
79) 2-Chlorotoluene	13.124	91	148667	19.362	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	185714	19.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14794	17.236	ug/l	93
82) 4-Chlorotoluene	13.124	91	148667	19.362	ug/l	99
83) tert-Butylbenzene	13.441	119	162804	19.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	184455	19.586	ug/l	100
85) sec-Butylbenzene	13.618	105	222415	19.039	ug/l	98
86) p-Isopropyltoluene	13.729	119	190361	19.475	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	96858	18.375	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	94852	17.691	ug/l	98
89) n-Butylbenzene	14.059	91	145269	18.543	ug/l	98
90) Hexachloroethane	14.335	117	31855	19.026	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97022	18.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9989	18.056	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	44887	17.825	ug/l	96
94) Hexachlorobutadiene	15.506	225	24923	17.444	ug/l	99
95) Naphthalene	15.641	128	130011	17.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43705	17.663	ug/l	97

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

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