

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076018.D
 Acq On : 28 Dec 2022 23:19
 Operator : JC\MD
 Sample : VN1228WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS02

Quant Time: Dec 29 07:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	312489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	436348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	177657	52.258	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.520%			
35) Dibromofluoromethane	8.177	113	166175	52.856	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.720%			
50) Toluene-d8	10.571	98	585139	49.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.853	95	196020	50.348	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	32949	14.850	ug/l	91
3) Chloromethane	2.377	50	42403	15.369	ug/l	97
4) Vinyl Chloride	2.530	62	53411	16.229	ug/l	97
5) Bromomethane	2.959	94	47077	16.831	ug/l	98
6) Chloroethane	3.130	64	41394	16.985	ug/l	99
7) Trichlorofluoromethane	3.512	101	84172	16.855	ug/l	99
8) Diethyl Ether	3.971	74	34988	19.182	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	49947	17.515	ug/l	99
10) Methyl Iodide	4.606	142	79487	17.176	ug/l	98
11) Tert butyl alcohol	5.541	59	45706	95.015	ug/l	99
12) 1,1-Dichloroethene	4.353	96	46253	16.701	ug/l	95
13) Acrolein	4.194	56	59173	100.338	ug/l	99
14) Allyl chloride	5.036	41	56770	17.535	ug/l	94
15) Acrylonitrile	5.736	53	124941	95.177	ug/l	97
16) Acetone	4.447	43	98099	83.709	ug/l	98
17) Carbon Disulfide	4.730	76	89928	13.411	ug/l	97
18) Methyl Acetate	5.036	43	67994	19.628	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	182318	19.990	ug/l	97
20) Methylene Chloride	5.294	84	61656	19.274	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	52305	17.245	ug/l	95
22) Diisopropyl ether	6.688	45	154444	19.637	ug/l	98
23) Vinyl Acetate	6.618	43	480426	90.754	ug/l	99
24) 1,1-Dichloroethane	6.583	63	95930	18.289	ug/l	99
25) 2-Butanone	7.488	43	153530	93.566	ug/l	100
26) 2,2-Dichloropropane	7.500	77	77309	17.404	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	66368	18.296	ug/l	98
28) Bromochloromethane	7.824	49	41574	18.083	ug/l	97
29) Tetrahydrofuran	7.847	42	102730	99.903	ug/l	98
30) Chloroform	7.977	83	108856	18.432	ug/l	99
31) Cyclohexane	8.265	56	76587	15.730	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	94281	18.007	ug/l	98
36) 1,1-Dichloropropene	8.377	75	70265	16.824	ug/l	99
37) Ethyl Acetate	7.571	43	66231	19.743	ug/l	96
38) Carbon Tetrachloride	8.371	117	80010	17.117	ug/l	96
39) Methylcyclohexane	9.606	83	83553	16.583	ug/l	99
40) Benzene	8.612	78	231341	17.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	35456	20.333	ug/l	97
42) 1,2-Dichloroethane	8.677	62	82915	19.355	ug/l	99
43) Isopropyl Acetate	8.694	43	114063	20.612	ug/l	97
44) Trichloroethene	9.359	130	63085	17.378	ug/l	99
45) 1,2-Dichloropropane	9.624	63	57149	18.226	ug/l	99
46) Dibromomethane	9.718	93	43568	18.733	ug/l	99
47) Bromodichloromethane	9.894	83	87641	19.216	ug/l	98
48) Methyl methacrylate	9.682	41	49403	19.822	ug/l	97
49) 1,4-Dioxane	9.700	88	21100	344.359	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	338994	101.295	ug/l	99
52) Toluene	10.635	92	152108	18.125	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	83983	18.811	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	93321	19.038	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	63023	19.133	ug/l	96
56) Ethyl methacrylate	10.876	69	90246	20.627	ug/l	99
57) 1,3-Dichloropropane	11.171	76	105487	19.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	134593	96.621	ug/l	100
59) 2-Hexanone	11.200	43	240398	98.501	ug/l	100
60) Dibromochloromethane	11.359	129	69598	18.999	ug/l	97
61) 1,2-Dibromoethane	11.470	107	65100	19.530	ug/l	99
64) Tetrachloroethene	11.106	164	60252	19.623	ug/l	98
65) Chlorobenzene	11.894	112	163879	18.298	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	65763	19.825	ug/l	100
67) Ethyl Benzene	11.965	91	284788	18.841	ug/l	98
68) m/p-Xylenes	12.076	106	227254	37.986	ug/l	98
69) o-Xylene	12.400	106	115210	19.460	ug/l	99
70) Styrene	12.412	104	184384	19.587	ug/l	99
71) Bromoform	12.582	173	48808	20.220	ug/l #	100
73) Isopropylbenzene	12.700	105	292434	19.958	ug/l	100
74) N-amyl acetate	12.500	43	91961	21.394	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	91602	20.223	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77917m	19.064	ug/l	
77) Bromobenzene	12.982	156	72114	19.447	ug/l	98
78) n-propylbenzene	13.041	91	318489	19.707	ug/l	100
79) 2-Chlorotoluene	13.129	91	196188	19.447	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	246860	20.130	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	23458	20.659	ug/l	96
82) 4-Chlorotoluene	13.129	91	196188	19.447	ug/l	98
83) tert-Butylbenzene	13.441	119	225429	20.849	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	242390	19.924	ug/l	99
85) sec-Butylbenzene	13.617	105	300157	20.113	ug/l	100
86) p-Isopropyltoluene	13.735	119	250919	20.206	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	129087	18.845	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	127058	18.158	ug/l	99
89) n-Butylbenzene	14.059	91	187701	18.658	ug/l	99
90) Hexachloroethane	14.335	117	43909	19.767	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	131426	19.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14256	17.737	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	60087	17.989	ug/l	100
94) Hexachlorobutadiene	15.506	225	34546	18.956	ug/l	98
95) Naphthalene	15.647	128	191620	18.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59576	19.083	ug/l	98

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

