

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075992.D
 Acq On : 28 Dec 2022 11:59
 Operator : JC\MD
 Sample : VN1228WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBS01

Quant Time: Dec 29 04:47:41 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	280381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	389100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132248	43.356	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.171	113	121777	44.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.680%		
50) Toluene-d8	10.571	98	452735	44.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.180%		
62) 4-Bromofluorobenzene	12.853	95	149366	43.917	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33330	16.742	ug/l	98
3) Chloromethane	2.371	50	41046	16.581	ug/l	95
4) Vinyl Chloride	2.530	62	50506	17.104	ug/l	98
5) Bromomethane	2.971	94	42864	17.080	ug/l	97
6) Chloroethane	3.136	64	39555	18.089	ug/l	97
7) Trichlorofluoromethane	3.512	101	81773	18.250	ug/l	95
8) Diethyl Ether	3.971	74	29172	17.825	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	48461	18.940	ug/l	98
10) Methyl Iodide	4.600	142	69387	16.710	ug/l	99
11) Tert butyl alcohol	5.542	59	38493	89.184	ug/l	100
12) 1,1-Dichloroethene	4.353	96	44055	17.728	ug/l	91
13) Acrolein	4.195	56	49572	93.684	ug/l	98
14) Allyl chloride	5.042	41	55616m	19.145	ug/l	
15) Acrylonitrile	5.736	53	110579	93.883	ug/l	99
16) Acetone	4.442	43	113030	107.495	ug/l	99
17) Carbon Disulfide	4.730	76	89323	14.846	ug/l	99
18) Methyl Acetate	5.036	43	58441	18.803	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	157499	19.247	ug/l	94
20) Methylene Chloride	5.294	84	52977	18.430	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	48772	17.921	ug/l	98
22) Diisopropyl ether	6.683	45	136483	19.341	ug/l	97
23) Vinyl Acetate	6.612	43	450535	94.854	ug/l	100
24) 1,1-Dichloroethane	6.577	63	87538	18.600	ug/l	98
25) 2-Butanone	7.494	43	148299	100.727	ug/l	97
26) 2,2-Dichloropropane	7.500	77	76836	19.279	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	60093	18.463	ug/l	96
28) Bromochloromethane	7.818	49	30528	14.799	ug/l	99
29) Tetrahydrofuran	7.847	42	89368	96.861	ug/l	99
30) Chloroform	7.971	83	98464	18.582	ug/l	93
31) Cyclohexane	8.265	56	73981	16.935	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	89159	18.979	ug/l	97
36) 1,1-Dichloropropene	8.377	75	68743	18.842	ug/l	99
37) Ethyl Acetate	7.565	43	57651	19.672	ug/l	97
38) Carbon Tetrachloride	8.371	117	77989	19.099	ug/l	99
39) Methylcyclohexane	9.606	83	80958	18.393	ug/l	96
40) Benzene	8.612	78	210197	18.673	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	32415	21.280	ug/l	96
42) 1,2-Dichloroethane	8.677	62	71798	19.185	ug/l	99
43) Isopropyl Acetate	8.694	43	94979	19.647	ug/l	99
44) Trichloroethene	9.353	130	58189	18.349	ug/l	92
45) 1,2-Dichloropropane	9.629	63	52333	19.105	ug/l	99
46) Dibromomethane	9.712	93	37514	18.464	ug/l	94
47) Bromodichloromethane	9.894	83	76652	19.239	ug/l	99
48) Methyl methacrylate	9.682	41	44915	20.629	ug/l	98
49) 1,4-Dioxane	9.700	88	20694	386.608	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	303872	103.940	ug/l	98
52) Toluene	10.629	92	141463	19.296	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	76589	19.638	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	84793	19.802	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	56346	19.581	ug/l	98
56) Ethyl methacrylate	10.876	69	78239	20.470	ug/l	98
57) 1,3-Dichloropropane	11.165	76	93085	19.721	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	102434	84.177	ug/l	99
59) 2-Hexanone	11.200	43	222080	104.164	ug/l	99
60) Dibromochloromethane	11.359	129	62946	19.670	ug/l	99
61) 1,2-Dibromoethane	11.476	107	56181	19.293	ug/l	97
64) Tetrachloroethene	11.106	164	56291	20.559	ug/l	97
65) Chlorobenzene	11.894	112	154465	19.341	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	59227	20.022	ug/l	98
67) Ethyl Benzene	11.965	91	269749	20.013	ug/l	98
68) m/p-Xylenes	12.070	106	216213	40.528	ug/l	100
69) o-Xylene	12.400	106	108101	20.476	ug/l	99
70) Styrene	12.412	104	169037	20.137	ug/l	98
71) Bromoform	12.576	173	44931	20.874	ug/l #	99
73) Isopropylbenzene	12.700	105	276554	20.876	ug/l	98
74) N-amyl acetate	12.500	43	80047	20.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	82346	20.107	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71739m	19.413	ug/l	
77) Bromobenzene	12.982	156	67119	20.020	ug/l	97
78) n-propylbenzene	13.041	91	314401	21.517	ug/l	99
79) 2-Chlorotoluene	13.129	91	189510	20.778	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	237897	21.456	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21231	20.680	ug/l	96
82) 4-Chlorotoluene	13.129	91	189510	20.778	ug/l	99
83) tert-Butylbenzene	13.441	119	217641	22.263	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	237886	21.627	ug/l	99
85) sec-Butylbenzene	13.623	105	294211	21.805	ug/l	98
86) p-Isopropyltoluene	13.735	119	243551	21.693	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	124215	20.057	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	122417	19.350	ug/l	98
89) n-Butylbenzene	14.059	91	188446	20.719	ug/l	99
90) Hexachloroethane	14.341	117	41673	20.750	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	125109	20.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13931	19.171	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	59026	19.545	ug/l	97
94) Hexachlorobutadiene	15.506	225	33615	20.401	ug/l	100
95) Naphthalene	15.647	128	166935	18.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55893	19.801	ug/l	97

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

