

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078969.D
 Acq On : 21 Aug 2023 12:55
 Operator : JC\MD
 Sample : VN0821WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBS01

Quant Time: Aug 22 00:55:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	218695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	137827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146158	42.949	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.900%		
35) Dibromofluoromethane	8.171	113	115910	46.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.840%		
50) Toluene-d8	10.571	98	423869	46.206	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.853	95	136216	45.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54143	17.843	ug/l	98
3) Chloromethane	2.365	50	58303	13.761	ug/l	96
4) Vinyl Chloride	2.512	62	59630	16.049	ug/l	95
5) Bromomethane	2.953	94	38399	18.000	ug/l	98
6) Chloroethane	3.118	64	38245	14.724	ug/l	96
7) Trichlorofluoromethane	3.500	101	79654	17.601	ug/l	97
8) Diethyl Ether	3.965	74	27641	16.111	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	44101	18.297	ug/l	99
10) Methyl Iodide	4.583	142	46388	17.202	ug/l	98
11) Tert butyl alcohol	5.536	59	44019	77.085	ug/l	98
12) 1,1-Dichloroethene	4.342	96	40441	17.225	ug/l	95
13) Acrolein	4.189	56	26812	77.990	ug/l	99
14) Allyl chloride	5.030	41	80501	17.227	ug/l #	87
15) Acrylonitrile	5.730	53	131118	84.757	ug/l	99
16) Acetone	4.436	43	124913	88.959	ug/l #	87
17) Carbon Disulfide	4.712	76	116239	17.687	ug/l	98
18) Methyl Acetate	5.030	43	96607	16.286	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	142355	16.832	ug/l	96
20) Methylene Chloride	5.283	84	51077	17.069	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	46498	17.661	ug/l #	80
22) Diisopropyl ether	6.677	45	164409	16.631	ug/l #	90
23) Vinyl Acetate	6.612	43	531477	81.651	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	91417	16.927	ug/l	96
25) 2-Butanone	7.488	43	182887	81.238	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	75348	17.261	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	54814	17.129	ug/l	89
28) Bromochloromethane	7.824	49	55575	19.399	ug/l #	72
29) Tetrahydrofuran	7.841	42	126527	84.912	ug/l #	69
30) Chloroform	7.971	83	92442	17.134	ug/l	99
31) Cyclohexane	8.265	56	73892	15.593	ug/l	82
32) 1,1,1-Trichloroethane	8.177	97	80253	17.445	ug/l	96
36) 1,1-Dichloropropene	8.377	75	68609	18.461	ug/l	93
37) Ethyl Acetate	7.571	43	75278	18.104	ug/l #	89
38) Carbon Tetrachloride	8.365	117	68917	18.507	ug/l	97
39) Methylcyclohexane	9.606	83	58250	17.042	ug/l #	87
40) Benzene	8.612	78	203327	18.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	41471	18.312	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	73284	17.857	ug/l	99
43) Isopropyl Acetate	8.694	43	134175	18.256	ug/l #	85
44) Trichloroethene	9.359	130	49634	19.016	ug/l	99
45) 1,2-Dichloropropane	9.624	63	55339	18.922	ug/l	100
46) Dibromomethane	9.712	93	36334	18.113	ug/l	93
47) Bromodichloromethane	9.894	83	73953	18.670	ug/l	100
48) Methyl methacrylate	9.682	41	56135	16.855	ug/l #	79
49) 1,4-Dioxane	9.700	88	21418	377.565	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	383013	87.867	ug/l #	86
52) Toluene	10.635	92	123918	18.374	ug/l	98
53) t-1,3-Dichloropropene	10.847	75	78692	18.525	ug/l	90
54) cis-1,3-Dichloropropene	10.323	75	82569	17.847	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	51199	18.933	ug/l	99
56) Ethyl methacrylate	10.876	69	74315	17.728	ug/l #	74
57) 1,3-Dichloropropane	11.170	76	88490	18.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	162926	80.969	ug/l	89
59) 2-Hexanone	11.200	43	277126	87.776	ug/l	82
60) Dibromochloromethane	11.365	129	54901	19.293	ug/l	100
61) 1,2-Dibromoethane	11.470	107	50336	18.317	ug/l	97
64) Tetrachloroethene	11.106	164	38421	18.919	ug/l	93
65) Chlorobenzene	11.900	112	128615	18.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	49095	18.846	ug/l	97
67) Ethyl Benzene	11.970	91	222912	17.782	ug/l	96
68) m/p-Xylenes	12.076	106	172724	36.853	ug/l	99
69) o-Xylene	12.406	106	82327	18.057	ug/l	95
70) Styrene	12.417	104	135417	17.813	ug/l	98
71) Bromoform	12.582	173	36841	19.452	ug/l #	99
73) Isopropylbenzene	12.700	105	200219	17.422	ug/l	99
74) N-amyl acetate	12.500	43	97631	16.830	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	75358	18.160	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	60169m	18.118	ug/l	
77) Bromobenzene	12.982	156	52211	18.901	ug/l	98
78) n-propylbenzene	13.041	91	226718	17.013	ug/l	98
79) 2-Chlorotoluene	13.129	91	148196	17.927	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	162182	17.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25304	19.464	ug/l	87
82) 4-Chlorotoluene	13.223	91	140885	17.418	ug/l	97
83) tert-Butylbenzene	13.441	119	134107	17.526	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	157644	17.481	ug/l	95
85) sec-Butylbenzene	13.623	105	174737	16.593	ug/l	98
86) p-Isopropyltoluene	13.735	119	144163	17.135	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	83984	17.668	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	83192	17.486	ug/l	97
89) n-Butylbenzene	14.064	91	109018	15.745	ug/l	100
90) Hexachloroethane	14.335	117	29141	17.279	ug/l	83
91) 1,2-Dichlorobenzene	14.111	146	85861	18.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	12654	15.443	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	25910	15.462	ug/l	91
94) Hexachlorobutadiene	15.506	225	15855	16.257	ug/l	98
95) Naphthalene	15.647	128	73700	13.581	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	29366	16.000	ug/l	92

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

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