

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083298.D
 Acq On : 14 Aug 2024 14:03
 Operator : JC\MD
 Sample : VN0814WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS01

Quant Time: Aug 14 23:22:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131834	56.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.520%
35) Dibromofluoromethane	8.171	113	95892	54.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.060%
50) Toluene-d8	10.565	98	351385	53.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.847	95	134979	52.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34716	18.595	ug/l	97
3) Chloromethane	2.365	50	36577	19.136	ug/l	95
4) Vinyl Chloride	2.512	62	39346	20.174	ug/l	99
5) Bromomethane	2.959	94	22519	18.608	ug/l	90
6) Chloroethane	3.112	64	24904	20.410	ug/l	100
7) Trichlorofluoromethane	3.495	101	66745	20.716	ug/l	93
8) Diethyl Ether	3.959	74	23647	19.724	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	36883	20.763	ug/l	98
10) Methyl Iodide	4.583	142	36262	15.519	ug/l	98
11) Tert butyl alcohol	5.524	59	47088	96.692	ug/l	99
12) 1,1-Dichloroethene	4.347	96	34241	18.762	ug/l	92
13) Acrolein	4.183	56	23357	73.590	ug/l	96
14) Allyl chloride	5.018	41	63728m	18.479	ug/l	
15) Acrylonitrile	5.718	53	103317	103.155	ug/l	98
16) Acetone	4.436	43	94520	103.081	ug/l	98
17) Carbon Disulfide	4.712	76	87175	16.325	ug/l	97
18) Methyl Acetate	5.030	43	57100	20.901	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	131685	19.991	ug/l	99
20) Methylene Chloride	5.283	84	40039	18.973	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	35228	18.677	ug/l	92
22) Diisopropyl ether	6.677	45	130740	20.168	ug/l	98
23) Vinyl Acetate	6.606	43	720397	108.418	ug/l	97
24) 1,1-Dichloroethane	6.571	63	72312	20.465	ug/l	96
25) 2-Butanone	7.483	43	145625	103.431	ug/l	95
26) 2,2-Dichloropropane	7.488	77	67033	20.428	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	44697	19.638	ug/l	94
28) Bromochloromethane	7.812	49	31073	21.518	ug/l	85
29) Tetrahydrofuran	7.841	42	94074	103.362	ug/l #	89
30) Chloroform	7.971	83	78159	21.291	ug/l	100
31) Cyclohexane	8.259	56	64241	18.499	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	71974	20.713	ug/l	92
36) 1,1-Dichloropropene	8.371	75	51536	19.195	ug/l	99
37) Ethyl Acetate	7.559	43	58610	19.497	ug/l #	96
38) Carbon Tetrachloride	8.359	117	60835	20.118	ug/l	99
39) Methylcyclohexane	9.600	83	60089	18.222	ug/l	97
40) Benzene	8.612	78	163247	20.411	ug/l	97

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41) Methacrylonitrile	7.777	41	33603	19.660	ug/l	97
42) 1,2-Dichloroethane	8.671	62	62700	21.520	ug/l	100
43) Isopropyl Acetate	8.688	43	103775	18.485	ug/l	94
44) Trichloroethene	9.353	130	38223	20.078	ug/l	99
45) 1,2-Dichloropropane	9.624	63	40150	21.148	ug/l	98
46) Dibromomethane	9.712	93	29327	21.581	ug/l	96
47) Bromodichloromethane	9.888	83	63079	20.673	ug/l	100
48) Methyl methacrylate	9.682	41	46397	18.669	ug/l #	90
49) 1,4-Dioxane	9.694	88	18902	421.571	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	299875	105.490	ug/l	93
52) Toluene	10.629	92	102822	20.347	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61891	19.747	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64711	19.411	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	38882	21.469	ug/l	97
56) Ethyl methacrylate	10.876	69	66534	19.488	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	67303	20.850	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	133714	92.654	ug/l	96
59) 2-Hexanone	11.194	43	226634	103.052	ug/l	93
60) Dibromochloromethane	11.359	129	45197	20.642	ug/l	99
61) 1,2-Dibromoethane	11.470	107	39209	20.609	ug/l	99
64) Tetrachloroethene	11.100	164	32564	19.622	ug/l	96
65) Chlorobenzene	11.894	112	109477	19.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38818	19.876	ug/l	98
67) Ethyl Benzene	11.965	91	199315	19.621	ug/l	100
68) m/p-Xylenes	12.070	106	146923	38.610	ug/l	96
69) o-Xylene	12.400	106	73227	19.511	ug/l	100
70) Styrene	12.412	104	123747	19.632	ug/l	98
71) Bromoform	12.576	173	28667	19.376	ug/l #	99
73) Isopropylbenzene	12.694	105	189904	19.262	ug/l	99
74) N-amyl acetate	12.494	43	87695	18.185	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	55881	20.040	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	51046m	19.732	ug/l	
77) Bromobenzene	12.982	156	44274	20.216	ug/l	99
78) n-propylbenzene	13.035	91	221023	19.470	ug/l	100
79) 2-Chlorotoluene	13.123	91	139743	19.416	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	162894	19.735	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	21751	18.289	ug/l	95
82) 4-Chlorotoluene	13.223	91	138990	19.252	ug/l	97
83) tert-Butylbenzene	13.441	119	140176	19.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	162074	19.484	ug/l	100
85) sec-Butylbenzene	13.617	105	191578	19.208	ug/l	98
86) p-Isopropyltoluene	13.729	119	158838	19.287	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	79688	19.337	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	79466	19.128	ug/l	95
89) n-Butylbenzene	14.059	91	134766	18.886	ug/l	98
90) Hexachloroethane	14.335	117	28843	18.128	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	76195	19.107	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12319	18.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	41092	18.393	ug/l	98
94) Hexachlorobutadiene	15.506	225	17266	17.378	ug/l	99
95) Naphthalene	15.641	128	145278	18.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40786	18.450	ug/l	95

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

