

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078650.D
 Acq On : 25 Jul 2023 16:24
 Operator : JC\MD
 Sample : VN0725WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 04:48:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	486356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	834857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	718466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	288628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	319466	48.997	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.000%		
35) Dibromofluoromethane	8.177	113	291374	51.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.820%		
50) Toluene-d8	10.571	98	1034868	48.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.680%		
62) 4-Bromofluorobenzene	12.853	95	321543	48.759	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	124786	20.927	ug/l	98
3) Chloromethane	2.371	50	143827	22.191	ug/l	98
4) Vinyl Chloride	2.518	62	176542	21.057	ug/l	97
5) Bromomethane	2.954	94	124053	20.455	ug/l	99
6) Chloroethane	3.124	64	105363	19.607	ug/l	97
7) Trichlorofluoromethane	3.506	101	189434	18.901	ug/l	95
8) Diethyl Ether	3.971	74	61864	18.527	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.389	101	100993	19.036	ug/l	93
10) Methyl Iodide	4.595	142	135279	18.556	ug/l	97
11) Tert butyl alcohol	5.536	59	94558	94.048	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	99239	19.338	ug/l	97
13) Acrolein	4.189	56	113627	114.868	ug/l	95
14) Allyl chloride	5.036	41	131910	18.811	ug/l	95
15) Acrylonitrile	5.730	53	235198	92.586	ug/l	99
16) Acetone	4.442	43	174642	85.987	ug/l	94
17) Carbon Disulfide	4.718	76	259053	17.457	ug/l	99
18) Methyl Acetate	5.042	43	157898	18.365	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	309215	18.287	ug/l	98
20) Methylene Chloride	5.289	84	115417	19.055	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	104738	18.111	ug/l	93
22) Diisopropyl ether	6.689	45	293965	18.722	ug/l #	92
23) Vinyl Acetate	6.618	43	902781	90.438	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	188845	17.848	ug/l	99
25) 2-Butanone	7.494	43	294180	92.015	ug/l	89
26) 2,2-Dichloropropane	7.500	77	158934	18.366	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	125123	18.703	ug/l	97
28) Bromochloromethane	7.824	49	93489	18.760	ug/l	92
29) Tetrahydrofuran	7.847	42	193286	92.136	ug/l #	83
30) Chloroform	7.977	83	210228	19.085	ug/l	99
31) Cyclohexane	8.265	56	154541	17.538	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	188439	19.080	ug/l	99
36) 1,1-Dichloropropene	8.383	75	152481	18.634	ug/l	99
37) Ethyl Acetate	7.571	43	116101	17.020	ug/l	97
38) Carbon Tetrachloride	8.365	117	167193	18.799	ug/l	99
39) Methylcyclohexane	9.606	83	140196	18.769	ug/l	91
40) Benzene	8.612	78	456272	18.821	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	64540	18.559	ug/l	92
42) 1,2-Dichloroethane	8.683	62	155945	18.912	ug/l	99
43) Isopropyl Acetate	8.700	43	305655	27.216	ug/l #	81
44) Trichloroethene	9.359	130	124389	19.037	ug/l	92
45) 1,2-Dichloropropane	9.630	63	114590	18.663	ug/l	96
46) Dibromomethane	9.718	93	81477	18.854	ug/l #	87
47) Bromodichloromethane	9.894	83	165193	19.069	ug/l	99
48) Methyl methacrylate	9.688	41	98745	18.978	ug/l	88
49) 1,4-Dioxane	9.700	88	40568	357.523	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	633233	94.793	ug/l	93
52) Toluene	10.635	92	292854	19.491	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	169312	19.078	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	179974	19.025	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	117823	19.903	ug/l	99
56) Ethyl methacrylate	10.882	69	156681	18.934	ug/l	92
57) 1,3-Dichloropropane	11.171	76	190803	18.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	249361	84.555	ug/l	96
59) 2-Hexanone	11.200	43	452102	95.226	ug/l	91
60) Dibromochloromethane	11.365	129	126575	19.368	ug/l	98
61) 1,2-Dibromoethane	11.476	107	117716	19.303	ug/l	97
64) Tetrachloroethene	11.112	164	97382	18.028	ug/l	97
65) Chlorobenzene	11.900	112	301091	18.749	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	122318	19.799	ug/l	98
67) Ethyl Benzene	11.971	91	520416	19.171	ug/l	100
68) m/p-Xylenes	12.076	106	401258	39.980	ug/l	99
69) o-Xylene	12.400	106	194438	19.180	ug/l	99
70) Styrene	12.418	104	308831	19.473	ug/l	98
71) Bromoform	12.588	173	85931	20.537	ug/l #	98
73) Isopropylbenzene	12.700	105	472249	17.413	ug/l	99
74) N-amyl acetate	12.500	43	162944	17.434	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	158066	18.943	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	127834m	18.324	ug/l	
77) Bromobenzene	12.982	156	121076	19.589	ug/l	90
78) n-propylbenzene	13.041	91	520274	17.938	ug/l	99
79) 2-Chlorotoluene	13.129	91	333370	17.548	ug/l	94
80) 1,3,5-Trimethylbenzene	13.182	105	392749	18.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	43718	16.467	ug/l	95
82) 4-Chlorotoluene	13.229	91	312436	17.629	ug/l	97
83) tert-Butylbenzene	13.447	119	328299	18.045	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	384838	18.489	ug/l	100
85) sec-Butylbenzene	13.623	105	408438	17.761	ug/l	98
86) p-Isopropyltoluene	13.735	119	336050	18.199	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	188000	18.057	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	181646	17.321	ug/l	97
89) n-Butylbenzene	14.065	91	237560	17.981	ug/l	98
90) Hexachloroethane	14.335	117	67421	19.366	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	184378	17.795	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22390	15.937	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	45597	13.789	ug/l	96
94) Hexachlorobutadiene	15.506	225	35765	18.281	ug/l	98
95) Naphthalene	15.647	128	128197	11.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	52899	13.912	ug/l	94

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

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