

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078643.D
 Acq On : 25 Jul 2023 13:19
 Operator : JC\MD
 Sample : VN0725WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBS01

Quant Time: Jul 26 04:44:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	522132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	873227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	755232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	304032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	301998	43.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.280%		
35) Dibromofluoromethane	8.177	113	278330	46.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.576	98	1003071	44.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.853	95	309381	44.854	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	115684	18.071	ug/l	97
3) Chloromethane	2.371	50	133520	19.189	ug/l	97
4) Vinyl Chloride	2.518	62	173032	19.224	ug/l	99
5) Bromomethane	2.953	94	112373	16.397	ug/l	91
6) Chloroethane	3.124	64	105703	18.191	ug/l	97
7) Trichlorofluoromethane	3.494	101	186053	17.292	ug/l	99
8) Diethyl Ether	3.977	74	59897	16.709	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	102248	17.952	ug/l	93
10) Methyl Iodide	4.594	142	135427	17.303	ug/l	91
11) Tert butyl alcohol	5.541	59	85152	78.890	ug/l	98
12) 1,1-Dichloroethene	4.347	96	98385	17.858	ug/l	91
13) Acrolein	4.189	56	103088	97.073	ug/l	96
14) Allyl chloride	5.030	41	117767	15.643	ug/l	93
15) Acrylonitrile	5.730	53	226492	83.050	ug/l	99
16) Acetone	4.447	43	219039	100.457	ug/l	96
17) Carbon Disulfide	4.718	76	263944	16.568	ug/l	96
18) Methyl Acetate	5.041	43	145432	15.756	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	305836	16.848	ug/l	95
20) Methylene Chloride	5.283	84	114578	17.526	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	107242	17.273	ug/l	92
22) Diisopropyl ether	6.688	45	293313	17.400	ug/l #	90
23) Vinyl Acetate	6.618	43	894183	83.439	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	193983	17.078	ug/l	96
25) 2-Butanone	7.494	43	298011	86.826	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	174073	18.737	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	126692	17.640	ug/l	95
28) Bromochloromethane	7.824	49	102572	19.172	ug/l	96
29) Tetrahydrofuran	7.847	42	178360	79.196	ug/l	89
30) Chloroform	7.977	83	204704	17.310	ug/l	99
31) Cyclohexane	8.265	56	157128	16.610	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	188668	17.795	ug/l	100
36) 1,1-Dichloropropene	8.377	75	153436	17.927	ug/l	97
37) Ethyl Acetate	7.577	43	125138	17.539	ug/l #	92
38) Carbon Tetrachloride	8.371	117	166436	17.892	ug/l	99
39) Methylcyclohexane	9.606	83	141256	18.080	ug/l	89
40) Benzene	8.612	78	457996	18.062	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58112	15.977	ug/l	96
42) 1,2-Dichloroethane	8.677	62	150965	17.503	ug/l	99
43) Isopropyl Acetate	8.700	43	203608	17.333	ug/l	94
44) Trichloroethene	9.359	130	120092	17.572	ug/l	100
45) 1,2-Dichloropropane	9.629	63	116268	18.104	ug/l	98
46) Dibromomethane	9.718	93	82345	18.217	ug/l	91
47) Bromodichloromethane	9.894	83	164590	18.165	ug/l	95
48) Methyl methacrylate	9.688	41	92998	17.088	ug/l	90
49) 1,4-Dioxane	9.706	88	42657	359.414	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	604625	86.533	ug/l	95
52) Toluene	10.635	92	287328	18.283	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	168745	18.178	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	185384	18.735	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	112374	18.148	ug/l	91
56) Ethyl methacrylate	10.882	69	153677	17.755	ug/l	92
57) 1,3-Dichloropropane	11.170	76	188508	17.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	267205	86.625	ug/l	95
59) 2-Hexanone	11.200	43	439306	88.465	ug/l	92
60) Dibromochloromethane	11.365	129	127985	18.723	ug/l	98
61) 1,2-Dibromoethane	11.476	107	113656	17.819	ug/l	98
64) Tetrachloroethene	11.112	164	106334	18.727	ug/l	95
65) Chlorobenzene	11.894	112	304460	18.035	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	118256	18.210	ug/l	96
67) Ethyl Benzene	11.970	91	528200	18.511	ug/l	99
68) m/p-Xylenes	12.076	106	403723	38.267	ug/l	97
69) o-Xylene	12.406	106	195817	18.376	ug/l	96
70) Styrene	12.417	104	313580	18.810	ug/l	98
71) Bromoform	12.582	173	83852	19.065	ug/l #	97
73) Isopropylbenzene	12.700	105	480697	16.826	ug/l	98
74) N-amyl acetate	12.500	43	155584	15.803	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	152835	17.117	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	128266m	17.454	ug/l	
77) Bromobenzene	12.988	156	119643	18.278	ug/l	91
78) n-propylbenzene	13.041	91	536499	17.560	ug/l	99
79) 2-Chlorotoluene	13.129	91	342790	17.129	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	395499	17.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	42359	15.147	ug/l #	85
82) 4-Chlorotoluene	13.229	91	318360	17.053	ug/l	96
83) tert-Butylbenzene	13.447	119	332689	17.360	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	386481	17.627	ug/l	99
85) sec-Butylbenzene	13.623	105	421031	17.381	ug/l	98
86) p-Isopropyltoluene	13.735	119	342615	17.615	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	190737	17.392	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	184587	16.710	ug/l	99
89) n-Butylbenzene	14.064	91	243543	17.500	ug/l	97
90) Hexachloroethane	14.341	117	65017	17.659	ug/l	84
91) 1,2-Dichlorobenzene	14.111	146	187820	17.209	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23113	15.578	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	50245	14.424	ug/l	95
94) Hexachlorobutadiene	15.505	225	36632	17.651	ug/l	95
95) Naphthalene	15.647	128	146081	12.267	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	58057	14.495	ug/l	95

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

