

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071023\
 Data File : VN078453.D
 Acq On : 10 Jul 2023 13:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 10 15:59:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 15:58:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	482850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	855204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	716143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	221100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	34092	5.267	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.540%#		
35) Dibromofluoromethane	8.177	113	30055	5.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.360%#		
50) Toluene-d8	10.571	98	112288	5.120	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%#		
62) 4-Bromofluorobenzene	12.853	95	31442	4.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.300%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	33359	5.635	ug/l	92
3) Chloromethane	2.371	50	35383	5.499	ug/l	93
4) Vinyl Chloride	2.518	62	45218	5.432	ug/l	97
5) Bromomethane	2.942	94	38368	6.455	ug/l	96
6) Chloroethane	3.118	64	28585	3.906	ug/l	96
7) Trichlorofluoromethane	3.495	101	53518	5.379	ug/l	98
8) Diethyl Ether	3.971	74	16667	5.028	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.383	101	27884	5.294	ug/l #	20
10) Methyl Iodide	4.589	142	36267	5.011	ug/l	98
11) Tert butyl alcohol	5.547	59	27341	27.391	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	27368	5.372	ug/l	85
13) Acrolein	4.189	56	26119	26.596	ug/l	97
14) Allyl chloride	5.030	41	35895	5.156	ug/l	95
15) Acrylonitrile	5.730	53	65649	26.030	ug/l	99
16) Acetone	4.447	43	54025	26.793	ug/l #	86
17) Carbon Disulfide	4.718	76	77971	5.292	ug/l	99
18) Methyl Acetate	5.042	43	45027	5.275	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	85988	5.122	ug/l	96
20) Methylene Chloride	5.294	84	32630	5.137	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	30448	5.303	ug/l	87
22) Diisopropyl ether	6.677	45	79756	5.116	ug/l	95
23) Vinyl Acetate	6.618	43	246885	24.912	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	55830	5.315	ug/l	96
25) 2-Butanone	7.500	43	79408	25.018	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	44289	5.155	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	34321	5.167	ug/l	95
28) Bromochloromethane	7.824	49	23758	4.802	ug/l	99
29) Tetrahydrofuran	7.853	42	52700	25.304	ug/l	85
30) Chloroform	7.971	83	55875	5.109	ug/l	100
31) Cyclohexane	8.259	56	53935	6.165	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	51084	5.210	ug/l	92
36) 1,1-Dichloropropene	8.382	75	41253	4.921	ug/l	96
37) Ethyl Acetate	7.571	43	33596	4.808	ug/l #	91
38) Carbon Tetrachloride	8.371	117	44321	4.865	ug/l #	90
39) Methylcyclohexane	9.606	83	36208	4.732	ug/l #	85
40) Benzene	8.612	78	123988	4.993	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	19568	5.493	ug/l	89
42) 1,2-Dichloroethane	8.682	62	42498	5.031	ug/l	99
43) Isopropyl Acetate	8.700	43	60389	5.249	ug/l	97
44) Trichloroethene	9.359	130	31928	4.770	ug/l	96
45) 1,2-Dichloropropane	9.629	63	31348	4.984	ug/l	98
46) Dibromomethane	9.718	93	22501	5.083	ug/l	94
47) Bromodichloromethane	9.894	83	42984	4.844	ug/l	95
48) Methyl methacrylate	9.688	41	26441	4.961	ug/l	89
49) 1,4-Dioxane	9.700	88	10769	92.648	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	165871	24.240	ug/l	91
52) Toluene	10.635	92	74304	4.828	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	43858	4.824	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47081	4.858	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	29781	4.911	ug/l	88
56) Ethyl methacrylate	10.876	69	37681	4.445	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	50927	4.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	75642	25.039	ug/l	91
59) 2-Hexanone	11.200	43	120539	24.785	ug/l	87
60) Dibromochloromethane	11.365	129	32246	4.817	ug/l	99
61) 1,2-Dibromoethane	11.476	107	31487	5.040	ug/l	96
64) Tetrachloroethene	11.106	164	27995	5.200	ug/l	92
65) Chlorobenzene	11.894	112	81538	5.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	30954	5.027	ug/l	97
67) Ethyl Benzene	11.970	91	133219	4.923	ug/l	100
68) m/p-Xylenes	12.076	106	100821	10.078	ug/l	97
69) o-Xylene	12.400	106	49105	4.860	ug/l	99
70) Styrene	12.418	104	75656	4.786	ug/l	98
71) Bromoform	12.582	173	21282	5.103	ug/l #	96
73) Isopropylbenzene	12.700	105	121156	5.832	ug/l	99
74) N-amyl acetate	12.500	43	42438	5.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	41037	4.237	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	33547m	6.284	ug/l	
77) Bromobenzene	12.982	156	28118	4.828	ug/l	99
78) n-propylbenzene	13.041	91	122199	5.500	ug/l	96
79) 2-Chlorotoluene	13.129	91	78431	5.389	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	91188	5.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	12787	6.287	ug/l #	93
82) 4-Chlorotoluene	13.223	91	77772	5.729	ug/l	97
83) tert-Butylbenzene	13.441	119	80039	5.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	89931	5.640	ug/l	98
85) sec-Butylbenzene	13.623	105	102011	5.791	ug/l	99
86) p-Isopropyltoluene	13.735	119	78812	5.572	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	43504	5.455	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	42873	5.337	ug/l	94
89) n-Butylbenzene	14.059	91	56482	5.581	ug/l	97
90) Hexachloroethane	14.341	117	16493	5.620	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	43882	5.529	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6125	4.407	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	11329	4.472	ug/l	94
94) Hexachlorobutadiene	15.511	225	10864	4.526	ug/l	97
95) Naphthalene	15.647	128	39443	4.555	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	13854	4.756	ug/l	97

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

