

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077850.D
 Acq On : 24 May 2023 14:03
 Operator : JC\MD
 Sample : VN0524WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01

Quant Time: May 25 01:41:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	374042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	674594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	587454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	243087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	276824	49.463	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.920%		
35) Dibromofluoromethane	8.177	113	237288	53.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.880%		
50) Toluene-d8	10.571	98	893799	52.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.580%		
62) 4-Bromofluorobenzene	12.853	95	293154	49.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	79671	18.716	ug/l	100
3) Chloromethane	2.371	50	90333	18.900	ug/l	99
4) Vinyl Chloride	2.524	62	113552	21.158	ug/l	96
5) Bromomethane	2.965	94	88874	22.390	ug/l	98
6) Chloroethane	3.130	64	81024	20.948	ug/l	92
7) Trichlorofluoromethane	3.500	101	162884	21.777	ug/l	100
8) Diethyl Ether	3.977	74	57071	20.901	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	88433	21.365	ug/l	97
10) Methyl Iodide	4.600	142	115048	23.306	ug/l	99
11) Tert butyl alcohol	5.530	59	72970	94.473	ug/l	96
12) 1,1-Dichloroethene	4.353	96	87091	22.138	ug/l	94
13) Acrolein	4.195	56	38325	57.652	ug/l	95
14) Allyl chloride	5.036	41	116103	20.089	ug/l	95
15) Acrylonitrile	5.730	53	204344	99.027	ug/l	98
16) Acetone	4.442	43	167153	94.932	ug/l	94
17) Carbon Disulfide	4.718	76	213951	20.184	ug/l	100
18) Methyl Acetate	5.030	43	145574	19.707	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	294781	20.701	ug/l	94
20) Methylene Chloride	5.289	84	105323	21.870	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	96252	21.781	ug/l	87
22) Diisopropyl ether	6.677	45	282637	20.864	ug/l #	94
23) Vinyl Acetate	6.612	43	847396	100.964	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	177607	21.401	ug/l	98
25) 2-Butanone	7.488	43	259306	94.143	ug/l	89
26) 2,2-Dichloropropane	7.494	77	146705	20.807	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	115200	21.741	ug/l	92
28) Bromochloromethane	7.824	49	75021	20.902	ug/l	90
29) Tetrahydrofuran	7.847	42	168652	93.511	ug/l	87
30) Chloroform	7.971	83	197158	21.596	ug/l	99
31) Cyclohexane	8.265	56	155770	20.478	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	169259	21.807	ug/l	96
36) 1,1-Dichloropropene	8.377	75	142728	22.183	ug/l	97
37) Ethyl Acetate	7.565	43	111930	19.518	ug/l #	95
38) Carbon Tetrachloride	8.371	117	148341	22.832	ug/l	97
39) Methylcyclohexane	9.612	83	169400	21.506	ug/l	91
40) Benzene	8.612	78	426844	22.481	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	55987	18.332	ug/l #	91
42) 1,2-Dichloroethane	8.677	62	145961	21.163	ug/l	99
43) Isopropyl Acetate	8.694	43	197406	21.074	ug/l	95
44) Trichloroethene	9.359	130	111399	23.171	ug/l	95
45) 1,2-Dichloropropane	9.624	63	106629	22.017	ug/l	94
46) Dibromomethane	9.712	93	75955	21.917	ug/l	94
47) Bromodichloromethane	9.894	83	152033	22.915	ug/l	97
48) Methyl methacrylate	9.688	41	88819	19.999	ug/l	90
49) 1,4-Dioxane	9.700	88	37236	443.909	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	570541	102.468	ug/l	93
52) Toluene	10.635	92	272186	23.027	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	151455	21.556	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	170347	22.001	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	106278	22.644	ug/l	95
56) Ethyl methacrylate	10.882	69	150430	21.198	ug/l	91
57) 1,3-Dichloropropane	11.171	76	180007	22.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	306875	87.901	ug/l	93
59) 2-Hexanone	11.200	43	389399	94.551	ug/l	93
60) Dibromochloromethane	11.365	129	112206	23.158	ug/l	100
61) 1,2-Dibromoethane	11.476	107	106884	22.828	ug/l	97
64) Tetrachloroethene	11.112	164	107701	26.216	ug/l	97
65) Chlorobenzene	11.894	112	287246	22.555	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	103984	23.597	ug/l	95
67) Ethyl Benzene	11.970	91	516914	22.650	ug/l	98
68) m/p-Xylenes	12.076	106	398229	46.051	ug/l	99
69) o-Xylene	12.406	106	190519	22.402	ug/l	96
70) Styrene	12.418	104	304513	22.540	ug/l	97
71) Bromoform	12.588	173	66943	22.837	ug/l #	99
73) Isopropylbenzene	12.700	105	505540	24.126	ug/l	99
74) N-amyl acetate	12.500	43	146166	18.872	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	141742	21.988	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	135180m	22.205	ug/l	
77) Bromobenzene	12.988	156	111450	23.307	ug/l	96
78) n-propylbenzene	13.041	91	575039	23.278	ug/l	99
79) 2-Chlorotoluene	13.129	91	345737	23.454	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	431763	24.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35304	18.537	ug/l	90
82) 4-Chlorotoluene	13.229	91	325959	22.224	ug/l	100
83) tert-Butylbenzene	13.447	119	369880	24.058	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	418086	24.138	ug/l	100
85) sec-Butylbenzene	13.623	105	512292	23.446	ug/l	100
86) p-Isopropyltoluene	13.735	119	420848	24.160	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	196368	22.205	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	184568	21.032	ug/l	97
89) n-Butylbenzene	14.064	91	342864	21.400	ug/l	98
90) Hexachloroethane	14.341	117	69099	24.147	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	191589	23.191	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25062	20.081	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	79607	16.489	ug/l	96
94) Hexachlorobutadiene	15.511	225	42869	21.386	ug/l	99
95) Naphthalene	15.647	128	229529	13.813	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	81814	17.308	ug/l	97

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

