

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077891.D
 Acq On : 25 May 2023 08:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 25 09:43:05 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 : Semsettin Yesilyurt 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	214322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	480092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	356334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	105641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269374	84.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 168.000%#			
35) Dibromofluoromethane	8.171	113	215136	68.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 137.440%#			
50) Toluene-d8	10.571	98	511112	42.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 84.840%#			
62) 4-Bromofluorobenzene	12.853	95	155725	36.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 73.180%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	66108	27.103	ug/l	94
3) Chloromethane	2.371	50	205234	80.451	ug/l	99
4) Vinyl Chloride	2.518	62	198079	64.412	ug/l	99
5) Bromomethane	2.953	94	184840	81.270	ug/l	99
6) Chloroethane	3.124	64	165580	74.712	ug/l	99
7) Trichlorofluoromethane	3.500	101	164691	38.428	ug/l	98
8) Diethyl Ether	3.965	74	158878	101.547	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	58703	24.751	ug/l	97
10) Methyl Iodide	4.600	142	282971	100.042	ug/l	94
11) Tert butyl alcohol	5.530	59	222547	502.852	ug/l	99
12) 1,1-Dichloroethene	4.353	96	124446	55.206	ug/l	97
13) Acrolein	4.194	56	130053	501.227	ug/l	94
14) Allyl chloride	5.036	41	212906	64.293	ug/l	95
15) Acrylonitrile	5.724	53	572610	484.286	ug/l	99
16) Acetone	4.436	43	464328	460.231	ug/l	98
17) Carbon Disulfide	4.718	76	268434	44.196	ug/l	97
18) Methyl Acetate	5.036	43	407201	96.208	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	818670	100.336	ug/l	98
20) Methylene Chloride	5.283	84	247718	96.158	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	160062	63.213	ug/l	87
22) Diisopropyl ether	6.683	45	710903	91.588	ug/l	92
23) Vinyl Acetate	6.612	43	2235227	464.786	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	375599	78.985	ug/l	100
25) 2-Butanone	7.488	43	734260	465.243	ug/l	91
26) 2,2-Dichloropropane	7.500	77	149179	36.925	ug/l	91
27) cis-1,2-Dichloroethene	7.494	96	242887	79.999	ug/l	99
28) Bromochloromethane	7.818	49	171826	83.549	ug/l	94
29) Tetrahydrofuran	7.841	42	488710	472.909	ug/l	85
30) Chloroform	7.977	83	410605	78.494	ug/l	94
31) Cyclohexane	8.265	56	86455	19.836	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	251024	56.443	ug/l	97
36) 1,1-Dichloropropene	8.377	75	145297	31.731	ug/l	98
37) Ethyl Acetate	7.565	43	305230	74.787	ug/l	94
38) Carbon Tetrachloride	8.365	117	155690	33.671	ug/l	98
39) Methylcyclohexane	9.612	83	78496	14.002	ug/l	92
40) Benzene	8.612	78	773894	57.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	161299	74.210	ug/l	93
42) 1,2-Dichloroethane	8.677	62	356394	72.607	ug/l	99
43) Isopropyl Acetate	8.694	43	523426	78.517	ug/l	95
44) Trichloroethene	9.359	130	154851	45.258	ug/l	99
45) 1,2-Dichloropropane	9.629	63	227139	65.901	ug/l	94
46) Dibromomethane	9.718	93	184633	74.862	ug/l	94
47) Bromodichloromethane	9.894	83	324787	68.785	ug/l	99
48) Methyl methacrylate	9.688	41	241022	76.256	ug/l	88
49) 1,4-Dioxane	9.700	88	102199	1711.969	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1577695	398.146	ug/l	95
52) Toluene	10.635	92	393737	46.805	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	311593	62.316	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	330342	59.950	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	253343	75.847	ug/l	96
56) Ethyl methacrylate	10.882	69	385493	76.330	ug/l	92
57) 1,3-Dichloropropane	11.170	76	415387	72.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	769697	309.792	ug/l	93
59) 2-Hexanone	11.200	43	1098924	374.934	ug/l	94
60) Dibromochloromethane	11.365	129	250853	72.749	ug/l	99
61) 1,2-Dibromoethane	11.476	107	254688	76.432	ug/l	98
64) Tetrachloroethene	11.112	164	104313	41.860	ug/l	95
65) Chlorobenzene	11.900	112	397367	51.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	192389	71.977	ug/l	97
67) Ethyl Benzene	11.970	91	525841	37.985	ug/l	100
68) m/p-Xylenes	12.076	106	405665	77.337	ug/l	98
69) o-Xylene	12.406	106	242214	46.954	ug/l	96
70) Styrene	12.417	104	392319	47.875	ug/l	98
71) Bromoform	12.582	173	161495	90.824	ug/l #	100
73) Isopropylbenzene	12.700	105	400056	43.932	ug/l	99
74) N-amyl acetate	12.500	43	365653	108.633	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	329089	117.471	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	315510m	119.257	ug/l	
77) Bromobenzene	12.982	156	150931	72.629	ug/l	84
78) n-propylbenzene	13.041	91	391776	36.493	ug/l	100
79) 2-Chlorotoluene	13.129	91	323232	50.456	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	350434	45.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	82348	99.495	ug/l	91
82) 4-Chlorotoluene	13.229	91	284855	44.691	ug/l	97
83) tert-Butylbenzene	13.447	119	268646	40.208	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	369082	49.034	ug/l	98
85) sec-Butylbenzene	13.623	105	294348	30.999	ug/l	97
86) p-Isopropyltoluene	13.735	119	264086	34.885	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	190843	49.658	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	182667	47.898	ug/l	99
89) n-Butylbenzene	14.064	91	180359	25.903	ug/l	99
90) Hexachloroethane	14.341	117	47459	38.162	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	232933	64.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58512	107.883	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	71785	34.215	ug/l	97
94) Hexachlorobutadiene	15.511	225	19316	22.174	ug/l	96
95) Naphthalene	15.647	128	517669	71.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	86051	41.890	ug/l	93

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

