

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075993.D
 Acq On : 28 Dec 2022 12:32
 Operator : JC\MD
 Sample : VN1228WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 04:48:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	264149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	386199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147742	51.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	8.171	113	135607	51.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	10.571	98	497735	50.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.853	95	170574	52.308	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	31616	16.857	ug/l	91
3) Chloromethane	2.377	50	39909	17.112	ug/l	99
4) Vinyl Chloride	2.530	62	48476	17.425	ug/l	99
5) Bromomethane	2.965	94	40963	17.326	ug/l	94
6) Chloroethane	3.136	64	38581	18.727	ug/l	99
7) Trichlorofluoromethane	3.512	101	78269	18.541	ug/l	98
8) Diethyl Ether	3.977	74	30538	19.806	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.394	101	47267	19.609	ug/l	98
10) Methyl Iodide	4.606	142	68356	17.474	ug/l	99
11) Tert butyl alcohol	5.530	59	40337	99.200	ug/l	100
12) 1,1-Dichloroethene	4.359	96	42135	17.998	ug/l	95
13) Acrolein	4.200	56	56729	113.797	ug/l	99
14) Allyl chloride	5.041	41	56189	20.531	ug/l	99
15) Acrylonitrile	5.736	53	114293	102.999	ug/l	98
16) Acetone	4.442	43	105158	106.154	ug/l	100
17) Carbon Disulfide	4.730	76	88292	15.576	ug/l #	95
18) Methyl Acetate	5.041	43	58529	19.988	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	160086	20.765	ug/l	96
20) Methylene Chloride	5.289	84	52692	19.493	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	46459	18.120	ug/l	95
22) Diisopropyl ether	6.683	45	133215	20.038	ug/l	94
23) Vinyl Acetate	6.612	43	445511	99.560	ug/l	99
24) 1,1-Dichloroethane	6.577	63	84388	19.033	ug/l	98
25) 2-Butanone	7.494	43	143720	103.616	ug/l	98
26) 2,2-Dichloropropane	7.500	77	74253	19.775	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	59204	19.307	ug/l	97
28) Bromochloromethane	7.824	49	38086	19.598	ug/l	99
29) Tetrahydrofuran	7.847	42	87064	100.163	ug/l	98
30) Chloroform	7.971	83	97485	19.528	ug/l	97
31) Cyclohexane	8.265	56	72631	17.648	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	83139	18.785	ug/l	98
36) 1,1-Dichloropropene	8.382	75	65656	18.769	ug/l	99
37) Ethyl Acetate	7.565	43	59017	21.004	ug/l	98
38) Carbon Tetrachloride	8.371	117	75839	19.371	ug/l	98
39) Methylcyclohexane	9.606	83	81231	19.248	ug/l	95
40) Benzene	8.612	78	207918	19.265	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30450	20.849	ug/l	94
42) 1,2-Dichloroethane	8.677	62	72656	20.249	ug/l	100
43) Isopropyl Acetate	8.694	43	98983	21.356	ug/l	99
44) Trichloroethene	9.353	130	56043	18.432	ug/l	97
45) 1,2-Dichloropropane	9.624	63	51590	19.643	ug/l	98
46) Dibromomethane	9.712	93	37994	19.505	ug/l	97
47) Bromodichloromethane	9.894	83	77835	20.376	ug/l	95
48) Methyl methacrylate	9.682	41	43674	20.921	ug/l	97
49) 1,4-Dioxane	9.700	88	20891	407.067	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	302222	107.820	ug/l	100
52) Toluene	10.635	92	139922	19.906	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	76838	20.548	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	83783	20.407	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	58041	21.038	ug/l	97
56) Ethyl methacrylate	10.876	69	77189	21.064	ug/l	98
57) 1,3-Dichloropropane	11.165	76	92959	20.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	111717	95.752	ug/l	97
59) 2-Hexanone	11.200	43	220637	107.936	ug/l	100
60) Dibromochloromethane	11.365	129	62423	20.345	ug/l	99
61) 1,2-Dibromoethane	11.476	107	57824	20.711	ug/l	99
64) Tetrachloroethene	11.106	164	53836	19.810	ug/l	96
65) Chlorobenzene	11.894	112	152457	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	58136	19.801	ug/l	99
67) Ethyl Benzene	11.965	91	260432	19.467	ug/l	98
68) m/p-Xylenes	12.076	106	211018	39.852	ug/l	99
69) o-Xylene	12.400	106	103402	19.733	ug/l	98
70) Styrene	12.417	104	172733	20.732	ug/l	98
71) Bromoform	12.582	173	44671	20.909	ug/l #	100
73) Isopropylbenzene	12.700	105	272796	19.968	ug/l	100
74) N-amyl acetate	12.500	43	79831	19.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	82950	19.641	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	79356m	20.824	ug/l	
77) Bromobenzene	12.982	156	65711	19.006	ug/l	99
78) n-propylbenzene	13.041	91	304078	20.180	ug/l	100
79) 2-Chlorotoluene	13.129	91	185463	19.718	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	233235	20.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21889	20.675	ug/l	95
82) 4-Chlorotoluene	13.129	91	185463	19.718	ug/l	99
83) tert-Butylbenzene	13.441	119	213743	21.202	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	230140	20.289	ug/l	100
85) sec-Butylbenzene	13.617	105	288665	20.746	ug/l	100
86) p-Isopropyltoluene	13.735	119	242179	20.917	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128317	20.092	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	123082	18.865	ug/l	99
89) n-Butylbenzene	14.059	91	187063	19.943	ug/l	100
90) Hexachloroethane	14.335	117	40488	19.549	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	126710	20.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	14017	18.704	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	59200	19.009	ug/l	99
94) Hexachlorobutadiene	15.506	225	33157	19.514	ug/l	98
95) Naphthalene	15.647	128	176428	18.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	57942	19.905	ug/l	97

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

