

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075558.D
 Acq On : 05 Dec 2022 14:55
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 03:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	167251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	246481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	47057	52.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.177	113	60728	56.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.780%			
50) Toluene-d8	10.571	98	126181	52.481	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.853	95	97253	54.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23241	18.173	ug/l	98
3) Chloromethane	2.371	50	31002	19.482	ug/l	99
4) Vinyl Chloride	2.524	62	38482	19.188	ug/l	93
5) Bromomethane	2.948	94	33907	19.226	ug/l	96
6) Chloroethane	3.124	64	32085	21.113	ug/l	95
7) Trichlorofluoromethane	3.506	101	53705	18.744	ug/l	96
8) Diethyl Ether	3.971	74	21334	21.245	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	31450	19.884	ug/l	94
10) Methyl Iodide	4.600	142	48889	19.075	ug/l	98
11) Tert butyl alcohol	5.536	59	28940	76.789	ug/l	96
12) 1,1-Dichloroethene	4.353	96	30242	19.526	ug/l	92
13) Acrolein	4.194	56	26768	81.530	ug/l	97
14) Allyl chloride	5.036	41	36755	18.346	ug/l	94
15) Acrylonitrile	5.730	53	81441	94.188	ug/l	100
16) Acetone	4.442	43	81191	96.955	ug/l	98
17) Carbon Disulfide	4.724	76	69558	17.281	ug/l	97
18) Methyl Acetate	5.036	43	44110	20.120	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	108812	19.832	ug/l	100
20) Methylene Chloride	5.294	84	36799	20.927	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	32061	18.164	ug/l	93
22) Diisopropyl ether	6.683	45	97238	21.269	ug/l	95
23) Vinyl Acetate	6.618	43	357714m	98.349	ug/l	
24) 1,1-Dichloroethane	6.583	63	59081	20.133	ug/l	99
25) 2-Butanone	7.488	43	109556	93.707	ug/l	97
26) 2,2-Dichloropropane	7.500	77	50087	18.365	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	42802	21.445	ug/l	92
28) Bromochloromethane	7.824	49	25359	21.289	ug/l	86
29) Tetrahydrofuran	7.841	42	66219	93.116	ug/l	99
30) Chloroform	7.971	83	67707	20.091	ug/l	91
31) Cyclohexane	8.259	56	52027	18.240	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	61258	20.020	ug/l	94
36) 1,1-Dichloropropene	8.377	75	45547	19.565	ug/l	97
37) Ethyl Acetate	7.571	43	41666	19.877	ug/l	99
38) Carbon Tetrachloride	8.371	117	55209	21.589	ug/l	95
39) Methylcyclohexane	9.606	83	56098	19.254	ug/l	98
40) Benzene	8.612	78	144698	20.301	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21774	20.318	ug/l	99
42) 1,2-Dichloroethane	8.677	62	51074	21.396	ug/l	98
43) Isopropyl Acetate	8.694	43	66829	19.862	ug/l	96
44) Trichloroethene	9.359	130	40250	20.638	ug/l	88
45) 1,2-Dichloropropane	9.624	63	35752	21.049	ug/l	97
46) Dibromomethane	9.712	93	26418	20.563	ug/l	90
47) Bromodichloromethane	9.888	83	55155	22.169	ug/l	96
48) Methyl methacrylate	9.682	41	30699	19.732	ug/l	97
49) 1,4-Dioxane	9.700	88	15796	357.561	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	213961	99.843	ug/l	97
52) Toluene	10.635	92	95079	20.701	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	52520	21.027	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	58271	21.481	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	38649	20.660	ug/l	97
56) Ethyl methacrylate	10.876	69	52573	20.810	ug/l	98
57) 1,3-Dichloropropane	11.165	76	63536	20.830	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	91122	100.008	ug/l	97
59) 2-Hexanone	11.200	43	161598	100.423	ug/l	99
60) Dibromochloromethane	11.359	129	45759	23.830	ug/l	99
61) 1,2-Dibromoethane	11.470	107	39070	20.122	ug/l	99
64) Tetrachloroethene	11.106	164	35145	18.672	ug/l	97
65) Chlorobenzene	11.894	112	104956	20.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	41050	21.608	ug/l	100
67) Ethyl Benzene	11.965	91	180449	20.779	ug/l	99
68) m/p-Xylenes	12.070	106	147054	41.699	ug/l	99
69) o-Xylene	12.400	106	74105	21.149	ug/l	95
70) Styrene	12.418	104	120009	21.711	ug/l	97
71) Bromoform	12.582	173	33484	23.158	ug/l #	98
73) Isopropylbenzene	12.700	105	188042	20.328	ug/l	99
74) N-amyl acetate	12.500	43	55535	19.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	57856	20.514	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48220m	20.142	ug/l	
77) Bromobenzene	12.982	156	47578	20.833	ug/l	84
78) n-propylbenzene	13.041	91	212278	20.562	ug/l	99
79) 2-Chlorotoluene	13.129	91	128287	20.624	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	161221	20.977	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	18561	22.940	ug/l	86
82) 4-Chlorotoluene	13.129	91	128287	20.624	ug/l	97
83) tert-Butylbenzene	13.441	119	143196	20.435	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	165255	21.437	ug/l	99
85) sec-Butylbenzene	13.617	105	198139	20.839	ug/l	99
86) p-Isopropyltoluene	13.735	119	168958	21.121	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	87445	20.209	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	87432	19.891	ug/l	99
89) n-Butylbenzene	14.059	91	132558	19.620	ug/l	98
90) Hexachloroethane	14.335	117	30050	21.775	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	88485	20.979	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10901	20.405	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	45024	20.830	ug/l	98
94) Hexachlorobutadiene	15.500	225	23896	21.225	ug/l	97
95) Naphthalene	15.647	128	130927	19.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	43705	20.573	ug/l	98

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

