Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075870.D
Acq On : 19 Dec 2022 14:46
Operator : JC\MD
Sample : VN1219WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 20 01:29:38 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

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	293368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	473869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	427492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178656	55.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.960%			
35) Dibromofluoromethane	8.177	113	153839	52.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.571	98	547626	49.911	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.853	95	186617	51.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	33445	16.056	ug/l	95
3) Chloromethane	2.371	50	42890	16.559	ug/l	100
4) Vinyl Chloride	2.530	62	52316	16.932	ug/l	97
5) Bromomethane	2.959	94	47454	18.072	ug/l	95
6) Chloroethane	3.130	64	41395	18.092	ug/l	98
7) Trichlorofluoromethane	3.506	101	78176	16.675	ug/l	96
8) Diethyl Ether	3.971	74	37271	21.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	48506	18.119	ug/l	98
10) Methyl Iodide	4.600	142	78887	18.157	ug/l	99
11) Tert butyl alcohol	5.536	59	53782	119.091	ug/l	98
12) 1,1-Dichloroethene	4.353	96	45386	17.456	ug/l	96
13) Acrolein	4.189	56	80241	144.931	ug/l	97
14) Allyl chloride	5.041	41	56027	18.433	ug/l	90
15) Acrylonitrile	5.736	53	139450	113.153	ug/l	99
16) Acetone	4.442	43	115664	105.130	ug/l	98
17) Carbon Disulfide	4.724	76	96354	15.306	ug/l	98
18) Methyl Acetate	5.036	43	73151	22.494	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	190740	22.277	ug/l	96
20) Methylene Chloride	5.289	84	61301	20.450	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	50249	17.647	ug/l	92
22) Diisopropyl ether	6.683	45	153886	20.841	ug/l	97
23) Vinyl Acetate	6.612	43	568821	114.456	ug/l	97
24) 1,1-Dichloroethane	6.577	63	93701	19.028	ug/l	99
25) 2-Butanone	7.494	43	176800	114.770	ug/l	100
26) 2,2-Dichloropropane	7.500	77	74246	17.804	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	64282	18.875	ug/l	95
28) Bromochloromethane	7.824	49	39041	18.089	ug/l	98
29) Tetrahydrofuran	7.847	42	114074	118.165	ug/l	99
30) Chloroform	7.971	83	105284	18.990	ug/l	90
31) Cyclohexane	8.265	56	82866	18.129	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	89944	18.299	ug/l	96
36) 1,1-Dichloropropene	8.382	75	68276	17.514	ug/l	97
37) Ethyl Acetate	7.565	43	70953	22.659	ug/l	98
38) Carbon Tetrachloride	8.371	117	78282	17.942	ug/l	98
39) Methylcyclohexane	9.606	83	87773	18.663	ug/l	100
40) Benzene	8.612	78	226756	18.853	ug/l	99

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41) Methacrylonitrile	7.788	41	40023	24.590	ug/l		97
42) 1,2-Dichloroethane	8.677	62	82883	20.728	ug/l		99
43) Isopropyl Acetate	8.694	43	120210	23.273	ug/l		99
44) Trichloroethene	9.353	130	59529	17.568	ug/l		95
45) 1,2-Dichloropropane	9.624	63	56080	19.160	ug/l		94
46) Dibromomethane	9.712	93	44267	20.391	ug/l		99
47) Bromodichloromethane	9.888	83	84779	19.914	ug/l		96
48) Methyl methacrylate	9.688	41	54264	23.325	ug/l		97
49) 1,4-Dioxane	9.694	88	26618	465.402	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	375992	120.365	ug/l		99
52) Toluene	10.635	92	155745	19.882	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	83652	20.074	ug/l		96
54) cis-1,3-Dichloropropene	10.318	75	92562	20.230	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	64812	21.080	ug/l		98
56) Ethyl methacrylate	10.876	69	95215	23.315	ug/l		100
57) 1,3-Dichloropropane	11.165	76	107245	21.265	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	163220	125.530	ug/l		98
59) 2-Hexanone	11.200	43	268741	117.969	ug/l		100
60) Dibromochloromethane	11.359	129	68283	19.970	ug/l		99
61) 1,2-Dibromoethane	11.470	107	65568	21.073	ug/l		99
64) Tetrachloroethene	11.106	164	53994	17.949	ug/l		94
65) Chlorobenzene	11.894	112	155142	17.682	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	63071	19.407	ug/l		98
67) Ethyl Benzene	11.965	91	282564	19.081	ug/l		100
68) m/p-Xylenes	12.076	106	225828	38.529	ug/l		100
69) o-Xylene	12.400	106	114635	19.764	ug/l		99
70) Styrene	12.412	104	182080	19.743	ug/l		98
71) Bromoform	12.582	173	49149	20.783	ug/l	#	100
73) Isopropylbenzene	12.700	105	289284	19.818	ug/l		99
74) N-amyl acetate	12.500	43	100539	23.478	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94679	20.981	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	82376m	20.231	ug/l		
77) Bromobenzene	12.982	156	70188	19.000	ug/l		98
78) n-propylbenzene	13.041	91	312155	19.389	ug/l		99
79) 2-Chlorotoluene	13.129	91	188030	18.709	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	243319	19.916	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	27716	24.501	ug/l		92
82) 4-Chlorotoluene	13.129	91	188030	18.709	ug/l		99
83) tert-Butylbenzene	13.441	119	214915	19.952	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	246414	20.332	ug/l		99
85) sec-Butylbenzene	13.617	105	296073	19.914	ug/l		99
86) p-Isopropyltoluene	13.735	119	247592	20.014	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	125453	18.384	ug/l		98
88) 1,4-Dichlorobenzene	13.811	146	122433	17.563	ug/l		96
89) n-Butylbenzene	14.059	91	196218	19.579	ug/l		99
90) Hexachloroethane	14.341	117	40653	18.371	ug/l		98
91) 1,2-Dichlorobenzene	14.111	146	128622	19.136	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18242	22.782	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	63447	19.067	ug/l		98
94) Hexachlorobutadiene	15.506	225	33232	18.304	ug/l		99
95) Naphthalene	15.647	128	228583	22.065	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	63611	20.452	ug/l		96

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

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