Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080321\
Data File : BG049630.D
Acq On : 3 Aug 2021 19:12
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 01:48:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 01:47:52 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2021

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.038	152	21661	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	88894	20.000	ng	#	0.00
39) Acenaphthene-d10	14.694	164	63019	20.000	ng		0.00
64) Phenanthrene-d10	17.443	188	140172	20.000	ng	#	0.00
76) Chrysene-d12	21.719	240	156314	20.000	ng		0.00
86) Perylene-d12	24.997	264	158787	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.588	112	133158	110.198	ng		0.00
7) Phenol-d6	7.192	99	192076	105.010	ng		0.00
23) Nitrobenzene-d5	9.213	82	129180	64.305	ng		0.00
42) 2,4,6-Tribromophenol	16.186	330	100335	108.318	ng		0.00
45) 2-Fluorobiphenyl	13.313	172	290926	67.173	ng		0.00
79) Terphenyl-d14	20.051	244	622589	72.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	2494	4.723	ng	#	77
3) Pyridine	3.891	79	4104m	2.835	ng		
4) n-Nitrosodimethylamine	3.802	42	2716	3.490	ng	#	60
6) Aniline	7.362	93	8809	4.544	ng		94
8) 2-Chlorophenol	7.603	128	4655	3.533	ng	#	69
9) Benzaldehyde	7.174	77	6414	5.255	ng	#	83
10) Phenol	7.221	94	6780	3.825	ng		80
11) bis(2-Chloroethyl)ether	7.456	93	4797	4.009	ng		86
12) 1,3-Dichlorobenzene	7.932	146	6039	4.002	ng		88
13) 1,4-Dichlorobenzene	8.079	146	6382	4.179	ng	#	76
14) 1,2-Dichlorobenzene	8.396	146	6051	4.182	ng	#	90
15) Benzyl Alcohol	8.279	79	5688	3.703	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.567	45	5397	3.969	ng		85
17) 2-Methylphenol	8.484	107	4737	4.059	ng	#	74
18) Hexachloroethane	9.136	117	2599	4.427	ng	#	78
19) n-Nitroso-di-n-propyla...	8.849	70	4556	3.722	ng	#	85
20) 3+4-Methylphenols	8.813	107	5916	3.609	ng		90
22) Acetophenone	8.866	105	9673	4.005	ng	#	94
24) Nitrobenzene	9.260	77	8620	4.067	ng		95
25) Isophorone	9.771	82	13210	3.685	ng	#	94
26) 2-Nitrophenol	9.976	139	2686	3.320	ng		98
27) 2,4-Dimethylphenol	10.029	122	5063	4.235	ng	#	72
28) bis(2-Chloroethoxy)met...	10.264	93	6548	4.176	ng		94
29) 2,4-Dichlorophenol	10.523	162	5043	3.437	ng		81
30) 1,2,4-Trichlorobenzene	10.722	180	6182	3.827	ng		86
31) Naphthalene	10.910	128	17202	3.695	ng	#	94
32) Benzoic acid	10.217	122	539m	0.697	ng		
33) 4-Chloroaniline	11.034	127	6901	3.755	ng	#	88
34) Hexachlorobutadiene	11.198	225	4510	3.842	ng	#	85
35) Caprolactam	11.774	113	1533	3.382	ng		87
36) 4-Chloro-3-methylphenol	12.138	107	5658	3.338	ng	#	68
37) 2-Methylnaphthalene	12.520	142	13042m	3.719	ng		
38) 1-Methylnaphthalene	12.737	142	12616	3.828	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.890	216	7368	3.968	ng		94
41) Hexachlorocyclopentadiene	12.867	237	2210	2.882	ng	#	64
43) 2,4,6-Trichlorophenol	13.125	196	4409	3.522	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.207	196	4351	3.204	ng	#	92
46) 1,1'-Biphenyl	13.525	154	17786	3.963	ng		100
47) 2-Chloronaphthalene	13.572	162	14266	3.979	ng	#	89
48) 2-Nitroaniline	13.771	65	4309	3.273	ng	#	80
49) Acenaphthylene	14.417	152	21658	3.812	ng		97
50) Dimethylphthalate	14.141	163	18335	3.856	ng		99
51) 2,6-Dinitrotoluene	14.259	165	3578	3.418	ng		93
52) Acenaphthene	14.758	154	13206	3.858	ng		92
53) 3-Nitroaniline	14.600	138	3392	3.323	ng	#	91
54) 2,4-Dinitrophenol	14.835	184	580m	0.976	ng		
55) Dibenzofuran	15.087	168	21046	3.790	ng	#	86
56) 4-Nitrophenol	14.905	139	2278m	3.054	ng		
57) 2,4-Dinitrotoluene	15.052	165	4658	3.168	ng	#	71
58) Fluorene	15.739	166	17380	3.851	ng		84
59) 2,3,4,6-Tetrachlorophenol	15.322	232	4210	3.338	ng		95
60) Diethylphthalate	15.498	149	19200	4.015	ng		94
61) 4-Chlorophenyl-phenyle...	15.733	204	9898	4.109	ng	#	91
62) 4-Nitroaniline	15.763	138	3650	3.476	ng	#	73
63) Azobenzene	16.021	77	19716	3.895	ng		95
65) 4,6-Dinitro-2-methylph...	15.833	198	1912	2.122	ng		86
66) n-Nitrosodiphenylamine	15.945	169	15319	3.868	ng		92
67) 4-Bromophenyl-phenylether	16.626	248	6707	4.063	ng	#	82
68) Hexachlorobenzene	16.750	284	6574	3.584	ng	#	81
69) Atrazine	16.885	200	7086	4.473	ng		94
70) Pentachlorophenol	17.102	266	1748m	1.777	ng		
71) Phenanthrene	17.484	178	28693	3.891	ng	#	91
72) Anthracene	17.578	178	29322	4.049	ng		97
73) Carbazole	17.848	167	25601	3.732	ng		98
74) Di-n-butylphthalate	18.400	149	32962	4.122	ng		98
75) Fluoranthene	19.493	202	36351	4.006	ng		96
77) Benzidine	19.675	184	19286	4.815	ng	#	92
78) Pyrene	19.857	202	38316	3.595	ng		96
80) Butylbenzylphthalate	20.732	149	14381	3.543	ng		89
81) Benzo(a)anthracene	21.702	228	36892m	3.624	ng		
82) 3,3'-Dichlorobenzidine	21.619	252	13708	4.612	ng		96
83) Chrysene	21.766	228	36411	3.742	ng		98
84) Bis(2-ethylhexyl)phtha...	21.602	149	20438	3.558	ng	#	91
85) Di-n-octyl phthalate	22.830	149	33091	3.410	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.728	276	46056	4.022	ng	#	85
88) Benzo(b)fluoranthene	23.946	252	37046	3.557	ng	#	96
89) Benzo(k)fluoranthene	24.022	252	37272	3.837	ng		98
90) Benzo(a)pyrene	24.833	252	36145	3.835	ng	#	96
91) Dibenzo(a,h)anthracene	28.792	278	40519	4.199	ng		98
92) Benzo(g,h,i)perylene	29.908	276	38704	4.094	ng	#	97

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

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