Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
Data File : BG054232.D
Acq On : 7 Jul 2022 19:41
Operator : CG/JU
Sample : N3617-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-05MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 03:17:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	17989	20.000	ng		0.00
21) Naphthalene-d8	10.873	136	72518	20.000	ng		0.00
39) Acenaphthene-d10	14.692	164	60532	20.000	ng		0.00
64) Phenanthrene-d10	17.435	188	160225	20.000	ng	#	0.00
76) Chrysene-d12	21.713	240	187762	20.000	ng		0.00
86) Perylene-d12	24.962	264	199769	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.632	112	66568	70.750	ng		0.00
7) Phenol-d6	7.230	99	56185	44.019	ng		0.00
23) Nitrobenzene-d5	9.227	82	131944	102.247	ng		0.00
42) 2,4,6-Tribromophenol	16.178	330	176978	181.972	ng		0.00
45) 2-Fluorobiphenyl	13.311	172	389489	93.565	ng		-0.01
79) Terphenyl-d14	20.038	244	885192	94.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	7052	17.145	ng	#	83
3) Pyridine	3.910	79	16026	14.601	ng		90
4) n-Nitrosodimethylamine	3.828	42	10355	21.448	ng	#	86
6) Aniline	7.382	93	38881	25.693	ng		96
8) 2-Chlorophenol	7.629	128	44980	44.773	ng		88
9) Benzaldehyde	7.194	77	32080	42.586	ng	#	75
10) Phenol	7.253	94	19915	15.396	ng		95
11) bis(2-Chloroethyl)ether	7.476	93	47343	47.683	ng		92
12) 1,3-Dichlorobenzene	7.952	146	57281	45.503	ng		93
13) 1,4-Dichlorobenzene	8.099	146	58069	45.921	ng		98
14) 1,2-Dichlorobenzene	8.417	146	57082	47.023	ng		98
15) Benzyl Alcohol	8.299	79	34356m	36.014	ng		
16) 2,2'-oxybis(1-Chloropr...	8.587	45	66383	44.725	ng		97
17) 2-Methylphenol	8.511	107	33252	37.004	ng		93
18) Hexachloroethane	9.145	117	24100	57.450	ng	#	74
19) n-Nitroso-di-n-propyla...	8.863	70	43039	50.190	ng		93
20) 3+4-Methylphenols	8.834	107	39591	31.417	ng		96
22) Acetophenone	8.881	105	85071	48.261	ng	#	97
24) Nitrobenzene	9.268	77	62711	49.350	ng	#	84
25) Isophorone	9.786	82	123511	51.248	ng	#	95
26) 2-Nitrophenol	9.979	139	30909	55.069	ng	#	85
27) 2,4-Dimethylphenol	10.038	122	49087	54.033	ng		89
28) bis(2-Chloroethoxy)met...	10.267	93	68544	52.794	ng		97
29) 2,4-Dichlorophenol	10.520	162	65189	53.520	ng		87
30) 1,2,4-Trichlorobenzene	10.732	180	71650	47.507	ng	#	93
31) Naphthalene	10.920	128	169205	46.220	ng		99
32) Benzoic acid	10.162	122	6769m	24.367	ng		
33) 4-Chloroaniline	11.025	127	36682	24.153	ng		92
34) Hexachlorobutadiene	11.207	225	56844	49.023	ng		95
35) Caprolactam	11.813	113	3585	10.691	ng	#	85
36) 4-Chloro-3-methylphenol	12.153	107	61052	51.562	ng		89
37) 2-Methylnaphthalene	12.524	142	132204	48.810	ng		98
38) 1-Methylnaphthalene	12.741	142	126982	48.148	ng		100
40) 1,2,4,5-Tetrachloroben...	12.894	216	110863	47.531	ng	#	96
41) Hexachlorocyclopentadiene	12.870	237	82179	75.665	ng		97
43) 2,4,6-Trichlorophenol	13.129	196	69546	53.081	ng		98

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44) 2,4,5-Trichlorophenol	13.205	196	75527	51.628	ng	#	93
46) 1,1'-Biphenyl	13.522	154	194201	46.058	ng		97
47) 2-Chloronaphthalene	13.569	162	159403	46.714	ng		98
48) 2-Nitroaniline	13.769	65	49491	54.523	ng		94
49) Acenaphthylene	14.415	152	250938	47.292	ng		100
50) Dimethylphthalate	14.139	163	229691	49.824	ng		99
51) 2,6-Dinitrotoluene	14.257	165	51504	55.297	ng	#	77
52) Acenaphthene	14.756	154	188174m	55.636	ng		
53) 3-Nitroaniline	14.592	138	18278	20.256	ng		89
54) 2,4-Dinitrophenol	14.803	184	61413	116.013	ng	#	78
55) Dibenzofuran	15.085	168	269405	49.437	ng		93
56) 4-Nitrophenol	14.915	139	24860	38.804	ng		87
57) 2,4-Dinitrotoluene	15.050	165	76008	57.782	ng	#	85
58) Fluorene	15.737	166	224592	50.196	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.320	232	76310	53.340	ng	#	90
60) Diethylphthalate	15.496	149	228092	51.090	ng		96
61) 4-Chlorophenyl-phenyle...	15.720	204	140955	52.622	ng	#	88
62) 4-Nitroaniline	15.755	138	42987	45.680	ng		86
63) Azobenzene	16.019	77	172829	48.093	ng		88
65) 4,6-Dinitro-2-methylph...	15.820	198	47532	59.462	ng		80
66) n-Nitrosodiphenylamine	15.937	169	207241	49.629	ng		95
67) 4-Bromophenyl-phenylether	16.619	248	104918	52.429	ng	#	91
68) Hexachlorobenzene	16.748	284	117623	51.384	ng	#	92
69) Atrazine	16.895	200	93191	53.873	ng		95
70) Pentachlorophenol	17.095	266	126902	119.345	ng		96
71) Phenanthrene	17.477	178	386767	46.984	ng		97
72) Anthracene	17.571	178	395697	49.224	ng		99
73) Carbazole	17.835	167	384481	55.723	ng		99
74) Di-n-butylphthalate	18.387	149	389050	48.767	ng	#	98
75) Fluoranthene	19.486	202	505761	46.802	ng		96
78) Pyrene	19.850	202	519265	45.789	ng		98
80) Butylbenzylphthalate	20.726	149	175649	48.323	ng		87
81) Benzo(a)anthracene	21.689	228	572420	47.085	ng		98
82) 3,3'-Dichlorobenzidine	21.601	252	88223	24.289	ng	#	94
83) Chrysene	21.760	228	531943	45.903	ng		98
84) Bis(2-ethylhexyl)phtha...	21.589	149	254904	49.032	ng	#	93
85) Di-n-octyl phthalate	22.806	149	435144	48.699	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.693	276	709600	47.070	ng		98
88) Benzo(b)fluoranthene	23.934	252	599268	49.337	ng	#	99
89) Benzo(k)fluoranthene	23.998	252	589813	49.044	ng	#	99
90) Benzo(a)pyrene	24.815	252	534494	52.154	ng		100
91) Dibenzo(a,h)anthracene	28.757	278	614563	49.298	ng	#	97
92) Benzo(g,h,i)perylene	29.868	276	606164	49.271	ng	#	94

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

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