Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055879.D
Acq On : 2 Dec 2022 18:28
Operator : CG/JU
Sample : N5848-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PE-5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Quant Time: Dec 03 04:30:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.201	152	33999	20.000	ng		0.00
21) Naphthalene-d8	11.027	136	146577	20.000	ng		-0.01
39) Acenaphthene-d10	14.828	164	108768	20.000	ng		-0.01
64) Phenanthrene-d10	17.572	188	254666	20.000	ng		0.00
76) Chrysene-d12	21.861	240	239157	20.000	ng		0.00
86) Perylene-d12	25.234	264	257508	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	282447	150.160	ng		0.00
7) Phenol-d6	7.355	99	376551	150.387	ng		0.00
23) Nitrobenzene-d5	9.376	82	232128	83.704	ng		-0.01
42) 2,4,6-Tribromophenol	16.315	330	197292	128.815	ng		-0.01
45) 2-Fluorobiphenyl	13.454	172	585098	80.589	ng		0.00
79) Terphenyl-d14	20.157	244	972590	81.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.542	88	31198	38.811	ng		98
3) Pyridine	3.959	79	87146	35.339	ng		99
4) n-Nitrosodimethylamine	3.871	42	56109	42.976	ng		97
6) Aniline	7.513	93	114529	36.417	ng		96
8) 2-Chlorophenol	7.760	128	111591	51.896	ng		97
9) Benzaldehyde	7.325	77	54687m	32.160	ng		
10) Phenol	7.384	94	144803	51.649	ng		99
11) bis(2-Chloroethyl)ether	7.607	93	98608	45.896	ng		98
12) 1,3-Dichlorobenzene	8.089	146	115298	45.606	ng		98
13) 1,4-Dichlorobenzene	8.236	146	116403	45.565	ng		99
14) 1,2-Dichlorobenzene	8.559	146	114576	46.803	ng		97
15) Benzyl Alcohol	8.436	79	99363m	48.829	ng		
16) 2,2'-oxybis(1-Chloropr...	8.724	45	176419	45.358	ng		99
17) 2-Methylphenol	8.647	107	100472	50.477	ng		98
18) Hexachloroethane	9.294	117	40297	45.830	ng		97
19) n-Nitroso-di-n-propyla...	9.006	70	87981	45.732	ng		99
20) 3+4-Methylphenols	8.976	107	141438	50.868	ng		99
22) Acetophenone	9.029	105	171231	44.957	ng	#	99
24) Nitrobenzene	9.417	77	129544	44.722	ng		100
25) Isophorone	9.940	82	247353	47.075	ng		99
26) 2-Nitrophenol	10.134	139	66735	49.906	ng		97
27) 2,4-Dimethylphenol	10.187	122	117650m	57.809	ng		
28) bis(2-Chloroethoxy)met...	10.416	93	142359	50.467	ng		99
29) 2,4-Dichlorophenol	10.674	162	119820	49.189	ng		98
30) 1,2,4-Trichlorobenzene	10.886	180	124864	44.122	ng		99
31) Naphthalene	11.080	128	345901	43.654	ng		99
32) Benzoic acid	10.351	122	50543	30.186	ng		97
33) 4-Chloroaniline	11.186	127	63362	19.385	ng		97
34) Hexachlorobutadiene	11.350	225	83398	43.157	ng		94
35) Caprolactam	11.961	113	39550m	46.918	ng		
36) 4-Chloro-3-methylphenol	12.302	107	132676	49.555	ng		98
37) 2-Methylnaphthalene	12.672	142	265633	44.773	ng		99
38) 1-Methylnaphthalene	12.890	142	250378	43.472	ng		99
40) 1,2,4,5-Tetrachloroben...	13.036	216	156311	45.731	ng		100
41) Hexachlorocyclopentadiene	13.007	237	107857	62.608	ng		98
43) 2,4,6-Trichlorophenol	13.271	196	103780	44.510	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.354	196	111755	43.616	ng		97
46) 1,1'-Biphenyl	13.665	154	362814	45.775	ng		97
47) 2-Chloronaphthalene	13.712	162	275542	44.726	ng		98
48) 2-Nitroaniline	13.912	65	93631	46.226	ng		99
49) Acenaphthylene	14.552	152	454963	44.846	ng		100
50) Dimethylphthalate	14.270	163	378578	43.663	ng		99
51) 2,6-Dinitrotoluene	14.400	165	81951	46.225	ng		98
52) Acenaphthene	14.893	154	318699m	48.067	ng		
53) 3-Nitroaniline	14.734	138	52667	27.062	ng		98
54) 2,4-Dinitrophenol	14.946	184	83319	81.740	ng		98
55) Dibenzofuran	15.228	168	448763	43.874	ng		99
56) 4-Nitrophenol	15.052	139	117887	77.179	ng		99
57) 2,4-Dinitrotoluene	15.187	165	118786	47.523	ng		95
58) Fluorene	15.874	166	358083	43.832	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.451	232	97533	39.284	ng		98
60) Diethylphthalate	15.622	149	375745	42.863	ng		100
61) 4-Chlorophenyl-phenyle...	15.857	204	200270	44.596	ng		100
62) 4-Nitroaniline	15.898	138	82330	40.469	ng		100
63) Azobenzene	16.150	77	344768	45.049	ng		99
65) 4,6-Dinitro-2-methylph...	15.956	198	64020	45.020	ng		96
66) n-Nitrosodiphenylamine	16.068	169	323244	46.057	ng		99
67) 4-Bromophenyl-phenylether	16.750	248	133707	46.080	ng		97
68) Hexachlorobenzene	16.879	284	146144	45.423	ng		97
69) Atrazine	17.008	200	132184	47.621	ng		100
70) Pentachlorophenol	17.226	266	133521m	67.839	ng		
71) Phenanthrene	17.613	178	593762	43.205	ng		100
72) Anthracene	17.707	178	605971	45.382	ng		99
73) Carbazole	17.972	167	532423	44.353	ng		100
74) Di-n-butylphthalate	18.501	149	646122	43.348	ng		99
75) Fluoranthene	19.611	202	690786	41.317	ng		100
77) Benzidine	19.781	184	410595	74.211	ng		99
78) Pyrene	19.975	202	697623	43.095	ng		99
80) Butylbenzylphthalate	20.833	149	282806	44.626	ng		100
81) Benzo(a)anthracene	21.838	228	705553	42.833	ng		100
82) 3,3'-Dichlorobenzidine	21.744	252	136429	23.571	ng		98
83) Chrysene	21.908	228	660735	42.135	ng		100
84) Bis(2-ethylhexyl)phtha...	21.703	149	405898	44.567	ng		99
85) Di-n-octyl phthalate	22.960	149	700361	44.935	ng		100
87) Indeno(1,2,3-cd)pyrene	29.135	276	853432	40.455	ng	#	94
88) Benzo(b)fluoranthene	24.159	252	753648	44.939	ng		99
89) Benzo(k)fluoranthene	24.229	252	720007	43.071	ng		99
90) Benzo(a)pyrene	25.075	252	664520	46.176	ng		100
91) Dibenzo(a,h)anthracene	29.188	278	720159	41.775	ng		99
92) Benzo(g,h,i)perylene	30.357	276	705717	40.617	ng		97

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

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