Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054761.D
Acq On : 26 Aug 2022 18:49
Operator : CG/JU
Sample : N4226-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 27 02:16:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.148	152	47370	20.000	ng		0.00
21) Naphthalene-d8	10.980	136	200687	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	131858	20.000	ng		0.00
64) Phenanthrene-d10	17.531	188	295871	20.000	ng		0.00
76) Chrysene-d12	21.820	240	275173	20.000	ng		0.00
86) Perylene-d12	25.187	264	300090	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	268947	98.867	ng		0.00
7) Phenol-d6	7.296	99	375069	100.819	ng		0.00
23) Nitrobenzene-d5	9.323	82	231096	60.451	ng		0.00
42) 2,4,6-Tribromophenol	16.268	330	138514	84.068	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	536261	61.127	ng		0.00
79) Terphenyl-d14	20.128	244	909689	65.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.530	88	52894	40.720	ng		98
3) Pyridine	3.935	79	137398	37.923	ng		99
4) n-Nitrosodimethylamine	3.853	42	73377	46.851	ng		97
6) Aniline	7.466	93	151456	34.265	ng		97
8) 2-Chlorophenol	7.713	128	162571	54.700	ng		99
9) Benzaldehyde	7.284	77	82687	33.912	ng		98
10) Phenol	7.325	94	204915	53.560	ng		98
11) bis(2-Chloroethyl)ether	7.560	93	153217	49.795	ng		99
12) 1,3-Dichlorobenzene	8.036	146	165122	48.009	ng		99
13) 1,4-Dichlorobenzene	8.189	146	168636	48.609	ng		97
14) 1,2-Dichlorobenzene	8.506	146	164631	50.046	ng		99
15) Benzyl Alcohol	8.383	79	136288m	50.710	ng		
16) 2,2'-oxybis(1-Chloropr...	8.677	45	239336	49.710	ng		99
17) 2-Methylphenol	8.589	107	140468	53.327	ng		99
18) Hexachloroethane	9.247	117	60176	47.834	ng		97
19) n-Nitroso-di-n-propyla...	8.959	70	123610	48.318	ng	#	97
20) 3+4-Methylphenols	8.912	107	190811	52.238	ng		95
22) Acetophenone	8.976	105	234008	46.608	ng		99
24) Nitrobenzene	9.364	77	175721	45.604	ng		98
25) Isophorone	9.887	82	342620	48.067	ng		99
26) 2-Nitrophenol	10.081	139	86707	50.942	ng		97
27) 2,4-Dimethylphenol	10.128	122	149002	55.252	ng		98
28) bis(2-Chloroethoxy)met...	10.369	93	208885	51.427	ng		98
29) 2,4-Dichlorophenol	10.616	162	154998	50.532	ng		99
30) 1,2,4-Trichlorobenzene	10.833	180	158654	45.261	ng		99
31) Naphthalene	11.027	128	483210	44.878	ng		99
32) Benzoic acid	10.269	122	86968	45.631	ng		97
33) 4-Chloroaniline	11.133	127	84429	19.234	ng		98
34) Hexachlorobutadiene	11.303	225	102026	45.428	ng		99
35) Caprolactam	11.896	113	53307m	49.260	ng		
36) 4-Chloro-3-methylphenol	12.237	107	167625	49.974	ng		98
37) 2-Methylnaphthalene	12.625	142	343339	45.496	ng		99
38) 1-Methylnaphthalene	12.842	142	329622	44.893	ng		97
40) 1,2,4,5-Tetrachloroben...	12.983	216	186387	46.892	ng		99
41) Hexachlorocyclopentadiene	12.960	237	218870	103.831	ng		98
43) 2,4,6-Trichlorophenol	13.218	196	128800	48.820	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	139247	46.997	ng	98
46) 1,1'-Biphenyl	13.618	154	463786	47.365	ng	99
47) 2-Chloronaphthalene	13.665	162	344320	46.302	ng	99
48) 2-Nitroaniline	13.865	65	112346	48.206	ng	99
49) Acenaphthylene	14.511	152	564776	46.023	ng	100
50) Dimethylphthalate	14.229	163	458359	45.121	ng	99
51) 2,6-Dinitrotoluene	14.352	165	98230	47.276	ng	94
52) Acenaphthene	14.846	154	402357m	51.043	ng	
53) 3-Nitroaniline	14.681	138	73247	31.491	ng	91
54) 2,4-Dinitrophenol	14.887	184	107587	90.765	ng	93
55) Dibenzofuran	15.181	168	529434	45.708	ng	99
56) 4-Nitrophenol	14.981	139	181869	101.038	ng	98
57) 2,4-Dinitrotoluene	15.140	165	139571	48.564	ng	87
58) Fluorene	15.827	166	441701	45.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	122380	45.821	ng	96
60) Diethylphthalate	15.586	149	461256	45.471	ng	99
61) 4-Chlorophenyl-phenyle...	15.815	204	226829	47.122	ng	99
62) 4-Nitroaniline	15.845	138	107313	45.189	ng	97
63) Azobenzene	16.109	77	429540	44.557	ng	99
65) 4,6-Dinitro-2-methylph...	15.898	198	72184	47.929	ng	95
66) n-Nitrosodiphenylamine	16.033	169	399900	46.868	ng	100
67) 4-Bromophenyl-phenylether	16.714	248	154796	47.653	ng	98
68) Hexachlorobenzene	16.826	284	171850	47.059	ng	98
69) Atrazine	16.973	200	152298	50.595	ng	99
70) Pentachlorophenol	17.173	266	199948	100.773	ng	99
71) Phenanthrene	17.572	178	732673	46.486	ng	99
72) Anthracene	17.666	178	715473	46.691	ng	99
73) Carbazole	17.931	167	681277	48.255	ng	98
74) Di-n-butylphthalate	18.477	149	826962	46.289	ng	99
75) Fluoranthene	19.576	202	914477	47.695	ng	99
77) Benzidine	19.752	184	254984	37.411	ng	100
78) Pyrene	19.940	202	917081	47.796	ng	99
80) Butylbenzylphthalate	20.815	149	375934	46.971	ng	96
81) Benzo(a)anthracene	21.803	228	874465	46.869	ng	99
82) 3,3'-Dichlorobenzidine	21.709	252	209015	31.952	ng	99
83) Chrysene	21.873	228	817677	45.836	ng	99
84) Bis(2-ethylhexyl)phtha...	21.691	149	550548	47.745	ng	98
85) Di-n-octyl phthalate	22.954	149	922230	47.161	ng	97
87) Indeno(1,2,3-cd)pyrene	29.065	276	1046734	45.946	ng	98
88) Benzo(b)fluoranthene	24.117	252	930191	49.413	ng	99
89) Benzo(k)fluoranthene	24.188	252	905986	47.821	ng	99
90) Benzo(a)pyrene	25.028	252	820343	51.006	ng	99
91) Dibenzo(a,h)anthracene	29.135	278	886087	47.741	ng	99
92) Benzo(g,h,i)perylene	30.287	276	898388	47.913	ng	99

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

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