Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035201.D
Acq On : 23 May 2022 19:23
Operator : CG/JU
Sample : N2873-12MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 03:17:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P032-SS001-1218-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	139167	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	497216	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	290143	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	590122	20.000	ng		0.00
76) Chrysene-d12	21.468	240	659255	20.000	ng	#	0.00
86) Perylene-d12	23.851	264	742328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	848349	107.545	ng		0.00
7) Phenol-d6	7.075	99	1039075	102.037	ng		0.00
23) Nitrobenzene-d5	9.063	82	674841	73.293	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	411560	130.398	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1470420	73.570	ng		0.00
79) Terphenyl-d14	19.910	244	2371049	69.637	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	124960	39.151	ng		98
3) Pyridine	3.781	79	324369	36.475	ng		97
4) n-Nitrosodimethylamine	3.687	42	200073	45.630	ng		94
6) Aniline	7.228	93	306031	26.163	ng		98
8) 2-Chlorophenol	7.469	128	403480	45.957	ng		95
9) Benzaldehyde	7.040	77	251239	37.907	ng		95
10) Phenol	7.099	94	459960	44.166	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	351919	44.886	ng		96
12) 1,3-Dichlorobenzene	7.793	146	468309	47.090	ng		97
13) 1,4-Dichlorobenzene	7.940	146	475520	46.720	ng		99
14) 1,2-Dichlorobenzene	8.252	146	454624	46.917	ng		100
15) Benzyl Alcohol	8.146	79	334935m	44.011	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	469629	36.961	ng		97
17) 2-Methylphenol	8.352	107	307722	43.514	ng		99
18) Hexachloroethane	8.987	117	169577	45.393	ng		91
19) n-Nitroso-di-n-propyla...	8.710	70	270456	40.569	ng		96
20) 3+4-Methylphenols	8.681	107	408647	42.233	ng		99
22) Acetophenone	8.728	105	565754	46.982	ng	#	95
24) Nitrobenzene	9.104	77	412914	44.582	ng		98
25) Isophorone	9.634	82	700794	45.523	ng		98
26) 2-Nitrophenol	9.816	139	209911	51.938	ng		97
27) 2,4-Dimethylphenol	9.881	122	329329	52.843	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	430637	48.608	ng		100
29) 2,4-Dichlorophenol	10.357	162	360004	48.994	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	425104	51.112	ng		97
31) Naphthalene	10.751	128	1152178	44.920	ng		99
32) Benzoic acid	10.016	122	221215	44.243	ng		97
33) 4-Chloroaniline	10.863	127	138456	13.419	ng		98
34) Hexachlorobutadiene	11.046	225	275788	53.705	ng		99
35) Caprolactam	11.657	113	101239	47.704	ng		90
36) 4-Chloro-3-methylphenol	11.998	107	350376	46.081	ng		99
37) 2-Methylnaphthalene	12.363	142	783483	44.084	ng		99
38) 1-Methylnaphthalene	12.587	142	753321	43.405	ng		99
40) 1,2,4,5-Tetrachloroben...	12.740	216	458278	55.470	ng		98
41) Hexachlorocyclopentadiene	12.722	237	561774	113.572	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	292433	52.288	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	317024	51.047	ng		92
46) 1,1'-Biphenyl	13.375	154	1032110	47.218	ng		99
47) 2-Chloronaphthalene	13.416	162	804290	47.215	ng		99
48) 2-Nitroaniline	13.616	65	218171	44.522	ng		97
49) Acenaphthylene	14.263	152	1276329	48.665	ng		99
50) Dimethylphthalate	13.998	163	960120	44.385	ng		99
51) 2,6-Dinitrotoluene	14.116	165	213222	48.414	ng		89
52) Acenaphthene	14.604	154	882180m	49.647	ng		
53) 3-Nitroaniline	14.439	138	110021	23.284	ng		99
54) 2,4-Dinitrophenol	14.651	184	251388	97.042	ng		89
55) Dibenzofuran	14.939	168	1158401	45.665	ng		97
56) 4-Nitrophenol	14.757	139	378508	98.070	ng		95
57) 2,4-Dinitrotoluene	14.904	165	297095	50.326	ng		93
58) Fluorene	15.586	166	937316	44.483	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	275631	52.205	ng	#	88
60) Diethylphthalate	15.363	149	951408	43.183	ng		99
61) 4-Chlorophenyl-phenyle...	15.581	204	492881	48.876	ng		94
62) 4-Nitroaniline	15.604	138	211577	43.241	ng		99
63) Azobenzene	15.875	77	802534	39.938	ng		96
65) 4,6-Dinitro-2-methylph...	15.669	198	167538	47.492	ng		93
66) n-Nitrosodiphenylamine	15.798	169	811632	45.382	ng		100
67) 4-Bromophenyl-phenylether	16.475	248	302385	50.410	ng		93
68) Hexachlorobenzene	16.598	284	341592	50.439	ng	#	89
69) Atrazine	16.751	200	308172	51.325	ng		96
70) Pentachlorophenol	16.939	266	485685	114.459	ng		99
71) Phenanthrene	17.327	178	1473977	44.816	ng		99
72) Anthracene	17.416	178	1492421	46.995	ng		99
73) Carbazole	17.686	167	1378171	47.516	ng		98
74) Di-n-butylphthalate	18.257	149	1647411	44.641	ng		100
75) Fluoranthene	19.339	202	1803674	49.944	ng		98
77) Benzidine	19.521	184	937346	46.542	ng		100
78) Pyrene	19.704	202	1868642	42.862	ng		100
80) Butylbenzylphthalate	20.604	149	801063	41.861	ng		95
81) Benzo(a)anthracene	21.451	228	2030806	46.165	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	464475	36.226	ng	#	99
83) Chrysene	21.504	228	1881677	44.783	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1196087	40.647	ng	#	98
85) Di-n-octyl phthalate	22.309	149	2121737	43.738	ng		97
87) Indeno(1,2,3-cd)pyrene	26.327	276	2608545	46.219	ng		97
88) Benzo(b)fluoranthene	23.127	252	2175571	46.597	ng		99
89) Benzo(k)fluoranthene	23.174	252	2130880	45.086	ng		99
90) Benzo(a)pyrene	23.745	252	2116234	54.558	ng		98
91) Dibenzo(a,h)anthracene	26.345	278	2274735	48.049	ng		98
92) Benzo(g,h,i)perylene	27.086	276	2284133	50.213	ng		96

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

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