Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
Data File : BP008935.D
Acq On : 26 Jan 2022 18:20
Operator : CG/JU
Sample : N1266-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RB-10-(5-6)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

Quant Time: Jan 27 05:23:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	212988	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	802119	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	504357	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	1025633	20.000	ng		-0.01
76) Chrysene-d12	21.322	240	1136616	20.000	ng		-0.01
86) Perylene-d12	23.733	264	1272173	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1548868	112.457	ng		0.00
7) Phenol-d6	7.016	99	1913097	114.706	ng		0.00
23) Nitrobenzene-d5	8.993	82	1158536	82.000	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	838348	114.194	ng		-0.01
45) 2-Fluorobiphenyl	13.098	172	2817287	73.663	ng		0.00
79) Terphenyl-d14	19.792	244	4242284	63.000	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	212302	38.083	ng	#	95
3) Pyridine	3.722	79	561142	48.060	ng		96
4) n-Nitrosodimethylamine	3.634	42	252031	46.009	ng		89
6) Aniline	7.158	93	442671	21.265	ng		99
8) 2-Chlorophenol	7.399	128	700130	47.730	ng		98
9) Benzaldehyde	6.969	77	441492	39.606	ng		96
10) Phenol	7.040	94	858613	50.497	ng		96
11) bis(2-Chloroethyl)ether	7.258	93	611734	45.218	ng		98
12) 1,3-Dichlorobenzene	7.722	146	768549	43.997	ng		98
13) 1,4-Dichlorobenzene	7.869	146	785412	44.363	ng		98
14) 1,2-Dichlorobenzene	8.187	146	752112	44.553	ng		100
15) Benzyl Alcohol	8.075	79	559563	47.823	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.363	45	669105	44.227	ng		99
17) 2-Methylphenol	8.287	107	544314	47.783	ng		97
18) Hexachloroethane	8.910	117	265557	44.194	ng		99
19) n-Nitroso-di-n-propyla...	8.646	70	447879	45.939	ng		97
20) 3+4-Methylphenols	8.616	107	730540	48.309	ng		98
22) Acetophenone	8.658	105	947423	46.367	ng	#	96
24) Nitrobenzene	9.034	77	676127	47.377	ng		97
25) Isophorone	9.563	82	1218055	47.706	ng		99
26) 2-Nitrophenol	9.746	139	363639	48.468	ng		93
27) 2,4-Dimethylphenol	9.816	122	608477	47.566	ng		98
28) bis(2-Chloroethoxy)met...	10.046	93	767203	46.047	ng		100
29) 2,4-Dichlorophenol	10.293	162	672052	48.143	ng		99
30) 1,2,4-Trichlorobenzene	10.499	180	733921	44.883	ng		99
31) Naphthalene	10.681	128	1995107	45.795	ng		99
32) Benzoic acid	9.993	122	431362	58.758	ng		95
33) 4-Chloroaniline	10.799	127	221557	12.480	ng		97
34) Hexachlorobutadiene	10.969	225	452095	44.252	ng		99
35) Caprolactam	11.593	113	194335	50.500	ng		93
36) 4-Chloro-3-methylphenol	11.940	107	618242	49.091	ng		99
37) 2-Methylnaphthalene	12.298	142	1437903	45.148	ng		98
38) 1-Methylnaphthalene	12.516	142	1355789	46.379	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	816805	44.417	ng		99
41) Hexachlorocyclopentadiene	12.646	237	639638	67.977	ng		100
43) 2,4,6-Trichlorophenol	12.916	196	542186	47.686	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	586510	47.928	ng		98
46) 1,1'-Biphenyl	13.310	154	1855665	45.222	ng		100
47) 2-Chloronaphthalene	13.351	162	1446874	45.729	ng		100
48) 2-Nitroaniline	13.557	65	359434	51.162	ng		98
49) Acenaphthylene	14.193	152	2325398	48.645	ng		100
50) Dimethylphthalate	13.934	163	1751482	46.759	ng		99
51) 2,6-Dinitrotoluene	14.051	165	392747	49.437	ng		92
52) Acenaphthene	14.540	154	1331352	46.957	ng		99
53) 3-Nitroaniline	14.387	138	131253	16.799	ng		99
54) 2,4-Dinitrophenol	14.598	184	339422	105.644	ng		91
55) Dibenzofuran	14.875	168	2171721	47.007	ng		98
56) 4-Nitrophenol	14.716	139	654529	116.338	ng		94
57) 2,4-Dinitrotoluene	14.845	165	536145	52.469	ng	#	90
58) Fluorene	15.522	166	1756617	48.139	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	495915m	49.196	ng		
60) Diethylphthalate	15.298	149	1697452	47.759	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	921821	46.374	ng		97
62) 4-Nitroaniline	15.551	138	347176	45.882	ng		88
63) Azobenzene	15.816	77	1450756	49.165	ng		96
65) 4,6-Dinitro-2-methylph...	15.616	198	240172	46.870	ng		93
66) n-Nitrosodiphenylamine	15.734	169	1526445	46.243	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	580153	45.300	ng		98
68) Hexachlorobenzene	16.539	284	661575	45.080	ng		97
69) Atrazine	16.698	200	580767	47.345	ng		98
70) Pentachlorophenol	16.886	266	835533	106.883	ng		99
71) Phenanthrene	17.275	178	2767527	47.926	ng		99
72) Anthracene	17.363	178	2816621	48.622	ng		99
73) Carbazole	17.639	167	2574700	51.690	ng		99
74) Di-n-butylphthalate	18.192	149	2987979	49.846	ng		99
75) Fluoranthene	19.245	202	3362174	52.356	ng		97
77) Benzidine	19.422	184	2148478	53.506	ng		98
78) Pyrene	19.598	202	3485451	43.948	ng		99
80) Butylbenzylphthalate	20.469	149	1396705	43.789	ng		99
81) Benzo(a)anthracene	21.310	228	3631582	47.492	ng		98
82) 3,3'-Dichlorobenzidine	21.239	252	974171	29.489	ng		98
83) Chrysene	21.363	228	3437407	46.372	ng		98
84) Bis(2-ethylhexyl)phtha...	21.233	149	2066185	41.829	ng		97
85) Di-n-octyl phthalate	22.157	149	3675072	43.982	ng		100
87) Indeno(1,2,3-cd)pyrene	26.257	276	4715486	44.982	ng		98
88) Benzo(b)fluoranthene	22.998	252	3988340	46.944	ng		99
89) Benzo(k)fluoranthene	23.051	252	3940237	47.912	ng		98
90) Benzo(a)pyrene	23.627	252	3917568	47.773	ng		99
91) Dibenzo(a,h)anthracene	26.268	278	4054334	45.483	ng		98
92) Benzo(g,h,i)perylene	27.027	276	3922946	45.075	ng		98

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

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