Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008104.D
Acq On : 23 Nov 2021 19:36
Operator : CG/JU
Sample : M4814-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 24 00:07:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	171623	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	683819	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	461027	20.000	ng		0.00
64) Phenanthrene-d10	17.228	188	963484	20.000	ng		0.00
76) Chrysene-d12	21.327	240	733340	20.000	ng		0.00
86) Perylene-d12	23.733	264	742898	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	227247	22.632	ng		0.00
7) Phenol-d6	6.999	99	312119	22.425	ng		-0.01
23) Nitrobenzene-d5	8.981	82	207472	13.764	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	127433	21.842	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	465779	15.820	ng		0.00
79) Terphenyl-d14	19.792	244	640945	17.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	25208	5.364	ng		98
3) Pyridine	3.728	79	62229	4.626	ng		95
4) n-Nitrosodimethylamine	3.628	42	38728	6.425	ng	#	98
6) Aniline	7.152	93	99719	5.676	ng		99
8) 2-Chlorophenol	7.387	128	94254	8.362	ng		99
9) Benzaldehyde	6.963	77	58320	2.933	ng		98
10) Phenol	7.028	94	133256	8.938	ng		98
11) bis(2-Chloroethyl)ether	7.246	93	94359	7.432	ng		96
12) 1,3-Dichlorobenzene	7.710	146	100481	7.766	ng		99
13) 1,4-Dichlorobenzene	7.858	146	102570	7.810	ng		98
14) 1,2-Dichlorobenzene	8.175	146	101820	8.080	ng		98
15) Benzyl Alcohol	8.069	79	92913	7.732	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.352	45	141827	7.167	ng		99
17) 2-Methylphenol	8.275	107	82659	8.415	ng		98
18) Hexachloroethane	8.899	117	27951	5.976	ng		96
19) n-Nitroso-di-n-propyla...	8.628	70	77045	7.471	ng		99
20) 3+4-Methylphenols	8.605	107	111273	8.172	ng		99
22) Acetophenone	8.646	105	143420	7.560	ng	#	97
24) Nitrobenzene	9.022	77	115512	7.818	ng		100
25) Isophorone	9.552	82	205173	7.732	ng		99
26) 2-Nitrophenol	9.734	139	43021	6.841	ng		98
27) 2,4-Dimethylphenol	9.804	122	88512	9.339	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	123439	7.267	ng		98
29) 2,4-Dichlorophenol	10.281	162	97064	8.495	ng		96
30) 1,2,4-Trichlorobenzene	10.487	180	107985	8.311	ng		98
31) Naphthalene	10.669	128	308337	8.875	ng		100
32) Benzoic acid	9.922	122	63942	7.870	ng		98
33) 4-Chloroaniline	10.787	127	80216	5.439	ng		99
34) Hexachlorobutadiene	10.957	225	71609	8.145	ng		98
35) Caprolactam	11.569	113	29146	11.364	ng	#	86
36) 4-Chloro-3-methylphenol	11.922	107	105347	7.988	ng		94
37) 2-Methylnaphthalene	12.287	142	228512	8.910	ng		98
38) 1-Methylnaphthalene	12.504	142	215335	8.574	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	126851	8.576	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	84954	8.338	ng		98
44) 2,4,5-Trichlorophenol	12.981	196	90686	8.250	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.298	154	278294	8.129	ng		99
47)	2-Chloronaphthalene	13.340	162	222058	8.511	ng		99
48)	2-Nitroaniline	13.545	65	77782	8.320	ng		96
49)	Acenaphthylene	14.187	152	458582	11.314	ng		99
50)	Dimethylphthalate	13.928	163	265541	7.606	ng		99
51)	2,6-Dinitrotoluene	14.045	165	52077	7.120	ng		96
52)	Acenaphthene	14.528	154	254043	10.227	ng		97
53)	3-Nitroaniline	14.369	138	55454	7.256	ng		94
55)	Dibenzofuran	14.863	168	415052	9.705	ng		98
56)	4-Nitrophenol	14.704	139	98984	16.157	ng		95
57)	2,4-Dinitrotoluene	14.839	165	70459	6.967	ng	#	96
58)	Fluorene	15.516	166	361304	10.039	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.098	232	80057	8.096	ng	#	88
60)	Diethylphthalate	15.292	149	303766	8.482	ng		100
61)	4-Chlorophenyl-phenyle...	15.510	204	141542	6.116	ng		100
62)	4-Nitroaniline	15.539	138	65762	8.362	ng		93
63)	Azobenzene	15.804	77	270405	7.241	ng		94
66)	n-Nitrosodiphenylamine	15.728	169	245834	8.992	ng		98
67)	4-Bromophenyl-phenylether	16.410	248	89851	8.500	ng		99
68)	Hexachlorobenzene	16.534	284	98767	8.743	ng		97
69)	Atrazine	16.686	200	93885	13.434	ng		97
70)	Pentachlorophenol	16.881	266	117398	16.163	ng		99
71)	Phenanthrene	17.269	178	1692536	32.603	ng		99
72)	Anthracene	17.357	178	801689	15.598	ng		99
73)	Carbazole	17.633	167	496250	9.508	ng		99
74)	Di-n-butylphthalate	18.186	149	494299	8.691	ng		100
75)	Fluoranthene	19.245	202	2036364	30.434	ng		99
77)	Benzidine	19.427	184	38763	3.035	ng	#	85
78)	Pyrene	19.598	202	1984932	39.859	ng		100
80)	Butylbenzylphthalate	20.474	149	193100	9.280	ng		99
81)	Benzo(a)anthracene	21.310	228	1125228	22.879	ng		98
82)	3,3'-Dichlorobenzidine	21.239	252	109021	2.079	ng	#	98
83)	Chrysene	21.363	228	1043051	22.350	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.239	149	276175	9.812	ng		95
85)	Di-n-octyl phthalate	22.163	149	443836	8.605	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.239	276	816786	15.845	ng		98
88)	Benzo(b)fluoranthene	22.998	252	1116716	24.042	ng		96
89)	Benzo(k)fluoranthene	23.045	252	731937m	15.838	ng		
90)	Benzo(a)pyrene	23.621	252	985751	25.323	ng		98
91)	Dibenzo(a,h)anthracene	26.251	278	473131	11.026	ng		95
92)	Benzo(g,h,i)perylene	27.009	276	753221	17.918	ng		97

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

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