Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008819.D
Acq On : 17 Jan 2022 12:18
Operator : CG/JU
Sample : PB142032BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 17 14:32:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142032BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	381111	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1466260	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	919113	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1795559	20.000	ng		0.00
76) Chrysene-d12	21.345	240	1338426	20.000	ng		0.00
86) Perylene-d12	23.769	264	1087282	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3064720	124.356	ng		0.00
7) Phenol-d6	7.034	99	3695699	123.837	ng		0.00
23) Nitrobenzene-d5	9.016	82	2253117	87.241	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1717471	128.374	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	5818333	83.481	ng		0.00
79) Terphenyl-d14	19.816	244	7693075	97.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	325825	32.664	ng		97
3) Pyridine	3.746	79	773281	37.013	ng		97
4) n-Nitrosodimethylamine	3.652	42	426681	43.530	ng	#	84
6) Aniline	7.181	93	1241011	33.317	ng		98
8) 2-Chlorophenol	7.422	128	1207746	46.014	ng		99
9) Benzaldehyde	6.993	77	630182	31.594	ng		99
10) Phenol	7.064	94	1411148	46.381	ng		97
11) bis(2-Chloroethyl)ether	7.275	93	1066617	44.062	ng		97
12) 1,3-Dichlorobenzene	7.746	146	1312296	41.984	ng		99
13) 1,4-Dichlorobenzene	7.887	146	1333707	42.101	ng		99
14) 1,2-Dichlorobenzene	8.205	146	1285975	42.573	ng		99
15) Benzyl Alcohol	8.099	79	962030	45.949	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1193423	44.085	ng		99
17) 2-Methylphenol	8.305	107	943232	46.275	ng		97
18) Hexachloroethane	8.934	117	460247	42.805	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	778201	44.609	ng		96
20) 3+4-Methylphenols	8.634	107	1263788	46.705	ng		99
22) Acetophenone	8.681	105	1662296	44.504	ng	#	98
24) Nitrobenzene	9.057	77	1169565	44.832	ng		96
25) Isophorone	9.593	82	2074704	44.452	ng		99
26) 2-Nitrophenol	9.769	139	627234	45.734	ng		94
27) 2,4-Dimethylphenol	9.840	122	1066268	45.598	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1355180	44.495	ng		99
29) 2,4-Dichlorophenol	10.310	162	1181595	46.305	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1292940	43.256	ng		99
31) Naphthalene	10.704	128	3445647	43.266	ng		99
32) Benzoic acid	10.028	122	726609	54.144	ng		98
33) 4-Chloroaniline	10.822	127	407739	12.564	ng		98
34) Hexachlorobutadiene	10.999	225	804128	43.058	ng		100
35) Caprolactam	11.622	113	320800m	45.604	ng		
36) 4-Chloro-3-methylphenol	11.957	107	1085962	47.173	ng		100
37) 2-Methylnaphthalene	12.316	142	2574318	44.218	ng		98
38) 1-Methylnaphthalene	12.540	142	2355887	44.087	ng		100
40) 1,2,4,5-Tetrachloroben...	12.693	216	1488319	44.412	ng		99
41) Hexachlorocyclopentadiene	12.669	237	1855616	108.215	ng		99
43) 2,4,6-Trichlorophenol	12.934	196	958468	46.258	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	1037862	46.539	ng	97
46) 1,1'-Biphenyl	13.328	154	3327431	44.497	ng	100
47) 2-Chloronaphthalene	13.369	162	2539548	44.044	ng	100
48) 2-Nitroaniline	13.575	65	607840	47.478	ng	96
49) Acenaphthylene	14.216	152	3920504	45.004	ng	100
50) Dimethylphthalate	13.957	163	3114140	45.621	ng	100
51) 2,6-Dinitrotoluene	14.075	165	685354	47.340	ng	96
52) Acenaphthene	14.557	154	2337095	45.233	ng	99
53) 3-Nitroaniline	14.398	138	332253	23.336	ng	97
54) 2,4-Dinitrophenol	14.616	184	663851	113.382	ng	96
55) Dibenzofuran	14.892	168	3787029	44.981	ng	98
56) 4-Nitrophenol	14.728	139	1038712	101.311	ng	92
57) 2,4-Dinitrotoluene	14.863	165	932847	50.095	ng	92
58) Fluorene	15.545	166	3048045	45.836	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	865922m	47.138	ng	
60) Diethylphthalate	15.322	149	3016358	46.571	ng	99
61) 4-Chlorophenyl-phenyle...	15.540	204	1664743	45.956	ng	99
62) 4-Nitroaniline	15.569	138	624194	45.266	ng	91
63) Azobenzene	15.834	77	2563853	47.679	ng	94
65) 4,6-Dinitro-2-methylph...	15.634	198	455384	50.763	ng	96
66) n-Nitrosodiphenylamine	15.757	169	2658539	46.004	ng	100
67) 4-Bromophenyl-phenylether	16.434	248	1037710	46.283	ng	98
68) Hexachlorobenzene	16.557	284	1164168	45.312	ng	96
69) Atrazine	16.716	200	970045	45.171	ng	99
70) Pentachlorophenol	16.904	266	1385944	101.271	ng	100
71) Phenanthrene	17.292	178	4632857	45.827	ng	99
72) Anthracene	17.386	178	4684890	46.195	ng	99
73) Carbazole	17.657	167	3997285	45.839	ng	99
74) Di-n-butylphthalate	18.210	149	4885689	46.556	ng	99
75) Fluoranthene	19.263	202	5025037	44.697	ng	97
77) Benzidine	19.439	184	1934191	40.906	ng	98
78) Pyrene	19.616	202	5075133	54.344	ng	99
80) Butylbenzylphthalate	20.492	149	1908302	50.807	ng	99
81) Benzo(a)anthracene	21.327	228	4169042	46.300	ng	98
82) 3,3'-Dichlorobenzidine	21.263	252	941144	24.193	ng	99
83) Chrysene	21.380	228	3954533	45.305	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2753432	47.338	ng	98
85) Di-n-octyl phthalate	22.186	149	4140944	42.085	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	3977527	44.395	ng	98
88) Benzo(b)fluoranthene	23.033	252	3579720	49.300	ng	99
89) Benzo(k)fluoranthene	23.080	252	3368178	47.920	ng	98
90) Benzo(a)pyrene	23.663	252	3266920	46.613	ng	98
91) Dibenzo(a,h)anthracene	26.321	278	3363669	44.152	ng	98
92) Benzo(g,h,i)perylene	27.080	276	3331464	44.788	ng	99

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

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