Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008450.D
Acq On : 16 Dec 2021 13:37
Operator : CG/JU
Sample : PB141308BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 16 14:14:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141308BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	77362	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	297806	20.000	ng		-0.01
39) Acenaphthene-d10	14.393	164	198932	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	405694	20.000	ng		# 0.00
76) Chrysene-d12	21.269	240	378854	20.000	ng		# 0.00
86) Perylene-d12	23.639	264	320538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	638414	130.323	ng		-0.01
7) Phenol-d6	6.934	99	816449	124.095	ng		0.00
23) Nitrobenzene-d5	8.905	82	545224	77.562	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	377820	129.237	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1197962	76.551	ng		0.00
79) Terphenyl-d14	19.733	244	1908308	87.664	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	75078	40.364	ng		99
3) Pyridine	3.640	79	169481	28.700	ng		100
4) n-Nitrosodimethylamine	3.552	42	113384	48.652	ng		96
6) Aniline	7.069	93	251566	33.035	ng		96
8) 2-Chlorophenol	7.311	128	227971	45.660	ng		97
9) Benzaldehyde	6.887	77	27450	3.003	ng		98
10) Phenol	6.964	94	309620	46.343	ng		96
11) bis(2-Chloroethyl)ether	7.169	93	224119	40.209	ng		99
12) 1,3-Dichlorobenzene	7.622	146	242857	42.061	ng		98
13) 1,4-Dichlorobenzene	7.769	146	246579	41.964	ng		97
14) 1,2-Dichlorobenzene	8.081	146	240400	42.199	ng		98
15) Benzyl Alcohol	7.993	79	247831	46.828	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.264	45	334276	42.389	ng		99
17) 2-Methylphenol	8.205	107	203138	45.961	ng		96
18) Hexachloroethane	8.805	117	94437	43.322	ng		93
19) n-Nitroso-di-n-propyla...	8.552	70	193980	39.750	ng		99
20) 3+4-Methylphenols	8.534	107	273582	44.942	ng		97
22) Acetophenone	8.569	105	350311	39.999	ng	#	98
24) Nitrobenzene	8.946	77	282178	42.769	ng		97
25) Isophorone	9.475	82	501447	42.630	ng		98
26) 2-Nitrophenol	9.652	139	123687	42.421	ng		95
27) 2,4-Dimethylphenol	9.728	122	216371	51.748	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	297056	40.853	ng	#	98
29) 2,4-Dichlorophenol	10.205	162	233344	45.413	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	249025	40.882	ng		95
31) Naphthalene	10.581	128	649356	41.580	ng		99
32) Benzoic acid	9.963	122	144245	47.059	ng		95
33) 4-Chloroaniline	10.716	127	96547	15.432	ng		99
34) Hexachlorobutadiene	10.863	225	179929	40.410	ng		97
35) Caprolactam	11.534	113	69410m	71.336	ng		
36) 4-Chloro-3-methylphenol	11.863	107	259922	45.271	ng		97
37) 2-Methylnaphthalene	12.199	142	484691	45.030	ng		97
38) 1-Methylnaphthalene	12.422	142	444689	42.436	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	300188	39.497	ng		99
41) Hexachlorocyclopentadiene	12.546	237	191043	89.658	ng		99
43) 2,4,6-Trichlorophenol	12.834	196	198388	41.548	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.922	196	214560	43.084	ng		96
46)	1,1'-Biphenyl	13.222	154	615160	40.024	ng		98
47)	2-Chloronaphthalene	13.263	162	492974	40.214	ng		99
48)	2-Nitroaniline	13.487	65	179573	43.553	ng		99
49)	Acenaphthylene	14.110	152	763452	42.365	ng		99
50)	Dimethylphthalate	13.863	163	654054	43.425	ng		100
51)	2,6-Dinitrotoluene	13.987	165	142550	45.336	ng		97
52)	Acenaphthene	14.457	154	452058	42.174	ng		99
53)	3-Nitroaniline	14.322	138	84806	28.630	ng	#	97
54)	2,4-Dinitrophenol	14.551	184	163292	99.486	ng		93
55)	Dibenzofuran	14.793	168	745252	40.868	ng		97
56)	4-Nitrophenol	14.669	139	172391	100.255	ng		85
57)	2,4-Dinitrotoluene	14.787	165	198929	47.355	ng	#	86
58)	Fluorene	15.445	166	602776	42.639	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.040	232	185456m	43.598	ng		
60)	Diethylphthalate	15.228	149	643847	45.043	ng		100
61)	4-Chlorophenyl-phenyle...	15.440	204	337424	41.773	ng		99
62)	4-Nitroaniline	15.498	138	110460	41.413	ng		89
63)	Azobenzene	15.734	77	624094	43.067	ng		97
65)	4,6-Dinitro-2-methylph...	15.563	198	113074	42.659	ng		98
66)	n-Nitrosodiphenylamine	15.663	169	531139	41.582	ng		100
67)	4-Bromophenyl-phenylether	16.340	248	217270	41.118	ng		99
68)	Hexachlorobenzene	16.463	284	243971	41.924	ng		95
69)	Atrazine	16.634	200	212981	75.688	ng		97
70)	Pentachlorophenol	16.822	266	262099	100.780	ng		98
71)	Phenanthrene	17.198	178	935206	42.555	ng		100
72)	Anthracene	17.292	178	962248	44.380	ng		100
73)	Carbazole	17.575	167	816561	41.155	ng		99
74)	Di-n-butylphthalate	18.122	149	1062866	46.691	ng		100
75)	Fluoranthene	19.181	202	1122566	45.245	ng		98
77)	Benzidine	19.369	184	295572	76.914	ng		98
78)	Pyrene	19.533	202	1132192	41.770	ng		100
80)	Butylbenzylphthalate	20.410	149	452029	45.804	ng		97
81)	Benzo(a)anthracene	21.251	228	1062696	41.855	ng		99
82)	3,3'-Dichlorobenzidine	21.186	252	278246	23.818	ng		99
83)	Chrysene	21.304	228	1041383	42.939	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.175	149	665758	47.913	ng		99
85)	Di-n-octyl phthalate	22.086	149	1076885	44.936	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.110	276	1053386	41.749	ng		96
88)	Benzo(b)fluoranthene	22.916	252	970850m	50.350	ng		
89)	Benzo(k)fluoranthene	22.963	252	929778	47.817	ng		98
90)	Benzo(a)pyrene	23.533	252	897447	53.625	ng	#	98
91)	Dibenzo(a,h)anthracene	26.115	278	902262	42.717	ng		97
92)	Benzo(g,h,i)perylene	26.868	276	900233	43.041	ng		95

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

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