Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008788.D
Acq On : 13 Jan 2022 13:50
Operator : CG/JU
Sample : PB141983BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 13 23:25:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141983BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	396836	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1506336	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	953970	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1853999	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1458430	20.000	ng		0.00
86) Perylene-d12	23.780	264	1288100	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	2755487	108.735	ng		0.01
7) Phenol-d6	7.052	99	3321978	97.650	ng		0.00
23) Nitrobenzene-d5	9.034	82	1971607	74.125	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1472106	91.467	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	5078230	74.839	ng		0.00
79) Terphenyl-d14	19.822	244	6787786	94.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	309349	32.367	ng		96
3) Pyridine	3.752	79	664165	29.542	ng		95
4) n-Nitrosodimethylamine	3.664	42	402781	40.206	ng	#	84
6) Aniline	7.199	93	922235	21.580	ng		99
8) 2-Chlorophenol	7.440	128	1083834	37.844	ng		99
9) Benzaldehyde	7.005	77	104856	4.554	ng		98
10) Phenol	7.075	94	1282562	36.843	ng		96
11) bis(2-Chloroethyl)ether	7.293	93	963518	35.709	ng		98
12) 1,3-Dichlorobenzene	7.758	146	1175527	36.331	ng		98
13) 1,4-Dichlorobenzene	7.905	146	1201594	36.341	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1151705	35.920	ng		98
15) Benzyl Alcohol	8.116	79	844506	33.416	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	1044521	33.963	ng		99
17) 2-Methylphenol	8.322	107	853699	35.572	ng		98
18) Hexachloroethane	8.952	117	411111	36.965	ng		98
19) n-Nitroso-di-n-propyla...	8.681	70	695398	31.484	ng		96
20) 3+4-Methylphenols	8.652	107	1143769	34.348	ng		99
22) Acetophenone	8.693	105	1484928	37.361	ng		97
24) Nitrobenzene	9.075	77	1033854	38.397	ng		98
25) Isophorone	9.605	82	1858020	35.519	ng		98
26) 2-Nitrophenol	9.787	139	571466	40.698	ng		97
27) 2,4-Dimethylphenol	9.857	122	957346	38.062	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	1193550	36.593	ng		99
29) 2,4-Dichlorophenol	10.328	162	1051167	38.986	ng		100
30) 1,2,4-Trichlorobenzene	10.540	180	1137626	38.729	ng		99
31) Naphthalene	10.722	128	3049699	37.445	ng		99
32) Benzoic acid	10.034	122	655208	38.963	ng		99
33) 4-Chloroaniline	10.834	127	466637	12.766	ng		99
34) Hexachlorobutadiene	11.016	225	711294	40.052	ng		99
35) Caprolactam	11.640	113	303099	31.634	ng		96
36) 4-Chloro-3-methylphenol	11.975	107	967674	35.434	ng		99
37) 2-Methylnaphthalene	12.334	142	2262864	35.314	ng		99
38) 1-Methylnaphthalene	12.551	142	2081521	34.975	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	1305905	41.182	ng		99
41) Hexachlorocyclopentadiene	12.687	237	1455886	77.225	ng		99
43) 2,4,6-Trichlorophenol	12.951	196	854873	40.490	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	925177	39.864	ng		98
46) 1,1'-Biphenyl	13.346	154	2929813	39.398	ng		99
47) 2-Chloronaphthalene	13.387	162	2232536	39.115	ng		99
48) 2-Nitroaniline	13.587	65	555448	39.868	ng		94
49) Acenaphthylene	14.228	152	3454209	38.094	ng		100
50) Dimethylphthalate	13.969	163	2743333	36.187	ng		99
51) 2,6-Dinitrotoluene	14.087	165	610153	37.216	ng		95
52) Acenaphthene	14.575	154	2055171	37.842	ng		99
53) 3-Nitroaniline	14.416	138	358034	21.397	ng		100
54) 2,4-Dinitrophenol	14.628	184	683633	81.765	ng		95
55) Dibenzofuran	14.910	168	3337315	37.261	ng		99
56) 4-Nitrophenol	14.740	139	947189	67.981	ng		94
57) 2,4-Dinitrotoluene	14.875	165	819723	36.630	ng	#	90
58) Fluorene	15.563	166	2679898	37.170	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.140	232	760970m	36.487	ng		
60) Diethylphthalate	15.334	149	2642625	35.949	ng		99
61) 4-Chlorophenyl-phenyle...	15.551	204	1458156	37.696	ng		99
62) 4-Nitroaniline	15.581	138	576255	33.169	ng		93
63) Azobenzene	15.845	77	2230520	38.710	ng		94
65) 4,6-Dinitro-2-methylph...	15.645	198	431617	41.959	ng		94
66) n-Nitrosodiphenylamine	15.769	169	2340071	41.649	ng		100
67) 4-Bromophenyl-phenylether	16.451	248	900950	41.072	ng		99
68) Hexachlorobenzene	16.575	284	1013078	39.694	ng		99
69) Atrazine	16.728	200	823573	36.111	ng		99
70) Pentachlorophenol	16.922	266	1160187	72.817	ng		99
71) Phenanthrene	17.310	178	4074393	39.553	ng		99
72) Anthracene	17.398	178	4139269	39.347	ng		99
73) Carbazole	17.669	167	3566521	36.992	ng		99
74) Di-n-butylphthalate	18.222	149	4309408	39.039	ng		99
75) Fluoranthene	19.275	202	4445822	36.042	ng		97
77) Benzidine	19.451	184	860832	13.794	ng		98
78) Pyrene	19.628	202	4532462	47.529	ng		99
80) Butylbenzylphthalate	20.498	149	1687495	43.279	ng		98
81) Benzo(a)anthracene	21.339	228	3847115	40.208	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	1117515	25.710	ng		100
83) Chrysene	21.392	228	3707840	40.172	ng		98
84) Bis(2-ethylhexyl)phtha...	21.263	149	2398764	42.137	ng		98
85) Di-n-octyl phthalate	22.198	149	3761566	37.228	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	4223761	41.037	ng		99
88) Benzo(b)fluoranthene	23.045	252	3501566	41.604	ng		98
89) Benzo(k)fluoranthene	23.092	252	3505857	44.509	ng		98
90) Benzo(a)pyrene	23.674	252	3411484	41.938	ng		99
91) Dibenzo(a,h)anthracene	26.339	278	3611228	41.523	ng		99
92) Benzo(g,h,i)perylene	27.098	276	3562853	41.271	ng		99

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

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