Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021506.D
Acq On : 15 Aug 2024 09:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 10:37:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

08/16/2024
Supervised By :mohammad ahmed

08/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	310084	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1290898	20.000	ng	0.00
39) Acenaphthene-d10	14.440	164	863963	20.000	ng	-0.02
64) Phenanthrene-d10	17.251	188	1884513	20.000	ng	0.00
76) Chrysene-d12	21.698	240	1876366	20.000	ng	0.00
86) Perylene-d12	25.104	264	2125463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1686930	80.780	ng	0.00
7) Phenol-d6	6.963	99	2423180	79.544	ng	0.00
23) Nitrobenzene-d5	8.952	82	2231856	89.238	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	761394	79.183	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	4425194	78.169	ng	0.00
79) Terphenyl-d14	19.969	244	7472569	77.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	387795	39.164	ng	97
3) Pyridine	3.711	79	1102007	39.867	ng	98
4) n-Nitrosodimethylamine	3.622	42	343059	41.290	ng	96
6) Aniline	7.134	93	1180381	38.758	ng	99
8) 2-Chlorophenol	7.375	128	790701	40.972	ng	100
9) Benzaldehyde	6.946	77	677624	34.741	ng	99
10) Phenol	6.993	94	1244218	39.442	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	1044564	39.133	ng	99
12) 1,3-Dichlorobenzene	7.699	146	906194	39.531	ng	99
13) 1,4-Dichlorobenzene	7.846	146	918369	39.675	ng	97
14) 1,2-Dichlorobenzene	8.163	146	875447	39.246	ng	98
15) Benzyl Alcohol	8.034	79	866662	39.650	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	975345m	39.678	ng	
17) 2-Methylphenol	8.234	107	793903	39.809	ng	99
18) Hexachloroethane	8.887	117	384754	41.451	ng	96
19) n-Nitroso-di-n-propyla...	8.605	70	800798	38.055	ng	98
20) 3+4-Methylphenols	8.563	107	1080612	40.185	ng	98
22) Acetophenone	8.616	105	1536086	38.733	ng	99
24) Nitrobenzene	8.993	77	1175331	43.269	ng	98
25) Isophorone	9.516	82	2269420	38.409	ng	100
26) 2-Nitrophenol	9.704	139	280880	43.591	ng	98
27) 2,4-Dimethylphenol	9.757	122	580599	39.818	ng	97
28) bis(2-Chloroethoxy)met...	10.005	93	1422564	39.443	ng	99
29) 2,4-Dichlorophenol	10.228	162	729867	42.364	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	874787	39.605	ng	98
31) Naphthalene	10.646	128	2649402	39.287	ng	100
32) Benzoic acid	9.875	122	417340	45.077	ng	95
33) 4-Chloroaniline	10.746	127	1018129	40.192	ng	99
34) Hexachlorobutadiene	10.940	225	554034	39.837	ng	100
35) Caprolactam	11.499	113	301868	42.095	ng	99
36) 4-Chloro-3-methylphenol	11.863	107	997769	41.750	ng	99
37) 2-Methylnaphthalene	12.257	142	1804127	39.198	ng	99
38) 1-Methylnaphthalene	12.469	142	1783083	39.281	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	996693	39.373	ng	100
41) Hexachlorocyclopentadiene	12.610	237	312796	38.987	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	590352	41.983	ng	99

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44) 2,4,5-Trichlorophenol	12.928	196	681752	43.637	ng		97
46) 1,1'-Biphenyl	13.269	154	2404774	39.341	ng		99
47) 2-Chloronaphthalene	13.310	162	1847167	38.815	ng		99
48) 2-Nitroaniline	13.498	65	561860	42.755	ng		96
49) Acenaphthylene	14.163	152	2762843	39.493	ng		100
50) Dimethylphthalate	13.898	163	2335851	40.372	ng		99
51) 2,6-Dinitrotoluene	14.004	165	488200	42.337	ng		98
52) Acenaphthene	14.510	154	1823768	39.732	ng		99
53) 3-Nitroaniline	14.340	138	500336	43.965	ng		98
54) 2,4-Dinitrophenol	14.540	184	139416	45.092	ng	#	90
55) Dibenzofuran	14.851	168	2823751	39.990	ng		99
56) 4-Nitrophenol	14.640	139	404461	44.552	ng		94
57) 2,4-Dinitrotoluene	14.798	165	643984	43.860	ng		96
58) Fluorene	15.510	166	2312568	39.865	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	595109	44.878	ng		98
60) Diethylphthalate	15.292	149	2456147	41.373	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	1186889	39.582	ng		100
62) 4-Nitroaniline	15.516	138	528122	44.971	ng		98
63) Azobenzene	15.804	77	2952261	40.456	ng		99
65) 4,6-Dinitro-2-methylph...	15.581	198	233229	43.473	ng		99
66) n-Nitrosodiphenylamine	15.728	169	1958991	38.790	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	711444	35.671	ng		98
68) Hexachlorobenzene	16.539	284	912403	38.710	ng		97
69) Atrazine	16.704	200	657205	37.903	ng		99
70) Pentachlorophenol	16.892	266	543495	42.247	ng		99
71) Phenanthrene	17.292	178	3618959	39.931	ng		99
72) Anthracene	17.392	178	3545755	39.892	ng		99
73) Carbazole	17.657	167	3482661	40.657	ng		100
74) Di-n-butylphthalate	18.269	149	4305636	40.929	ng		100
75) Fluoranthene	19.375	202	4582705	41.211	ng		99
77) Benzidine	19.569	184	1790706	41.070	ng		100
78) Pyrene	19.751	202	4754650	38.768	ng		100
80) Butylbenzylphthalate	20.704	149	1745765	38.293	ng		100
81) Benzo(a)anthracene	21.674	228	4736080	40.207	ng		100
82) 3,3'-Dichlorobenzidine	21.592	252	1574371	41.687	ng		100
83) Chrysene	21.751	228	4466050	40.158	ng		100
84) Bis(2-ethylhexyl)phtha...	21.633	149	2939236	42.219	ng		99
85) Di-n-octyl phthalate	22.951	149	4559208	38.361	ng		100
87) Indeno(1,2,3-cd)pyrene	28.974	276	5663676m	41.108	ng		
88) Benzo(b)fluoranthene	24.027	252	4962510	40.653	ng		100
89) Benzo(k)fluoranthene	24.098	252	4896820	41.122	ng		100
90) Benzo(a)pyrene	24.933	252	4358357	41.143	ng		99
91) Dibenzo(a,h)anthracene	29.068	278	4724138	41.268	ng		99
92) Benzo(g,h,i)perylene	30.174	276	4754815	41.441	ng		99

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

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