Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137553.D
Acq On : 11 Mar 2024 13:10
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 02:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	258182	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1007995	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	572173	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	975637	20.000	ng		0.00
76) Chrysene-d12	14.098	240	501907	20.000	ng		0.00
86) Perylene-d12	15.651	264	505561	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	1343885	78.835	ng		0.00
7) Phenol-d6	6.557	99	1895155	77.018	ng		0.00
23) Nitrobenzene-d5	7.469	82	1704352	78.563	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	428374	85.254	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2630569	71.968	ng		0.00
79) Terphenyl-d14	13.039	244	2846778	77.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	355401	38.129	ng		98
3) Pyridine	3.575	79	925051	41.150	ng		98
4) n-Nitrosodimethylamine	3.569	42	362067	40.414	ng		96
6) Aniline	6.581	93	1228489	40.858	ng		98
8) 2-Chlorophenol	6.698	128	702934	39.095	ng		98
9) Benzaldehyde	6.469	77	503230	41.744	ng		97
10) Phenol	6.569	94	1033196	39.011	ng		89
11) bis(2-Chloroethyl)ether	6.651	93	791914	40.803	ng		99
12) 1,3-Dichlorobenzene	6.845	146	755871	39.342	ng		99
13) 1,4-Dichlorobenzene	6.922	146	767303	39.033	ng		99
14) 1,2-Dichlorobenzene	7.075	146	682262	37.813	ng		98
15) Benzyl Alcohol	7.051	79	628911	41.054	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1239856	37.165	ng		99
17) 2-Methylphenol	7.163	107	677296	40.257	ng		99
18) Hexachloroethane	7.410	117	259920	40.156	ng		95
19) n-Nitroso-di-n-propyla...	7.322	70	566069	37.254	ng		98
20) 3+4-Methylphenols	7.316	107	728470	37.806	ng		95
22) Acetophenone	7.316	105	930412	38.149	ng	#	97
24) Nitrobenzene	7.487	77	863551	39.625	ng		98
25) Isophorone	7.722	82	1638952	39.766	ng		99
26) 2-Nitrophenol	7.798	139	376352	43.499	ng		94
27) 2,4-Dimethylphenol	7.839	122	650971	40.266	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	969925	40.109	ng		99
29) 2,4-Dichlorophenol	8.039	162	620206	41.800	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	630877	40.405	ng		99
31) Naphthalene	8.198	128	2090865	38.661	ng		99
32) Benzoic acid	7.981	122	365738	40.428	ng		97
33) 4-Chloroaniline	8.251	127	847691	39.972	ng		100
34) Hexachlorobutadiene	8.310	225	371077	40.255	ng		99
35) Caprolactam	8.639	113	212949m	42.326	ng		
36) 4-Chloro-3-methylphenol	8.739	107	677529	40.852	ng		97
37) 2-Methylnaphthalene	8.892	142	1316595	38.187	ng		98
38) 1-Methylnaphthalene	8.986	142	1253244	38.599	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	632930	39.623	ng		99
41) Hexachlorocyclopentadiene	9.039	237	376575	60.058	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	425479	40.903	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	490323	40.919	ng		97
46) 1,1'-Biphenyl	9.357	154	1591778	38.010	ng		99
47) 2-Chloronaphthalene	9.381	162	1250442	39.164	ng		99
48) 2-Nitroaniline	9.481	65	466922	43.026	ng		95
49) Acenaphthylene	9.798	152	1908635	37.354	ng		99
50) Dimethylphthalate	9.669	163	1564973	39.291	ng		100
51) 2,6-Dinitrotoluene	9.728	165	346731	41.620	ng		99
52) Acenaphthene	9.969	154	1154526	37.847	ng		99
53) 3-Nitroaniline	9.904	138	380876	43.223	ng		91
54) 2,4-Dinitrophenol	10.004	184	147388	40.768	ng		95
55) Dibenzofuran	10.145	168	1718199	36.981	ng		99
56) 4-Nitrophenol	10.063	139	242925	41.083	ng		96
57) 2,4-Dinitrotoluene	10.133	165	419144	40.952	ng		92
58) Fluorene	10.492	166	1293875	36.262	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	389631	40.548	ng		95
60) Diethylphthalate	10.369	149	1468194	39.035	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	646876	36.991	ng		99
62) 4-Nitroaniline	10.522	138	331036	43.709	ng		97
63) Azobenzene	10.645	77	1650207	38.102	ng		100
65) 4,6-Dinitro-2-methylph...	10.545	198	237740	43.721	ng		95
66) n-Nitrosodiphenylamine	10.610	169	1220734	38.856	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	435219	40.956	ng		98
68) Hexachlorobenzene	11.039	284	447303	41.676	ng	#	91
69) Atrazine	11.139	200	390297	40.866	ng		97
70) Pentachlorophenol	11.233	266	283099	43.633	ng		99
71) Phenanthrene	11.457	178	2008524	37.828	ng		99
72) Anthracene	11.510	178	2065461	37.876	ng		100
73) Carbazole	11.669	167	1824731	39.064	ng		99
74) Di-n-butylphthalate	12.004	149	2158943	38.847	ng		99
75) Fluoranthene	12.657	202	1965174	37.864	ng		97
77) Benzidine	12.786	184	515561	41.974	ng		98
78) Pyrene	12.886	202	1978631	40.177	ng		99
80) Butylbenzylphthalate	13.521	149	624515	49.654	ng		94
81) Benzo(a)anthracene	14.086	228	1369102	38.919	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	451271	48.172	ng		99
83) Chrysene	14.127	228	1404755	39.510	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	728737	45.585	ng		100
85) Di-n-octyl phthalate	14.715	149	1276254	42.192	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1397380	42.002	ng		98
88) Benzo(b)fluoranthene	15.186	252	1158272	38.731	ng		99
89) Benzo(k)fluoranthene	15.215	252	1234447	38.430	ng		99
90) Benzo(a)pyrene	15.586	252	1177439	39.953	ng		99
91) Dibenzo(a,h)anthracene	17.315	278	1127771	41.787	ng		99
92) Benzo(g,h,i)perylene	17.792	276	1160181	41.859	ng		99

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

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