Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137740.D
Acq On : 26 Apr 2024 17:53
Operator : CG\JU
Sample : P2271-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 26 18:39:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	245985	20.000	ng		0.00
21) Naphthalene-d8	8.345	136	986748	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	536788	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	866162	20.000	ng		0.00
76) Chrysene-d12	14.251	240	425029	20.000	ng	#	0.00
86) Perylene-d12	15.821	264	521307	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1622283	100.181	ng		0.00
7) Phenol-d6	6.675	99	2036034	99.010	ng		0.00
23) Nitrobenzene-d5	7.622	82	1249407	67.213	ng		0.00
42) 2,4,6-Tribromophenol	10.904	330	573872	105.947	ng		0.00
45) 2-Fluorobiphenyl	9.422	172	2358850	65.661	ng		0.00
79) Terphenyl-d14	13.186	244	2208916	83.650	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	237053	32.692	ng		98
3) Pyridine	3.793	79	609256	31.541	ng		98
4) n-Nitrosodimethylamine	3.746	42	346640	38.452	ng	#	96
6) Aniline	6.722	93	720794	28.162	ng		98
8) 2-Chlorophenol	6.845	128	725843	42.939	ng		99
9) Benzaldehyde	6.616	77	541566	46.927	ng		97
10) Phenol	6.687	94	868048	42.254	ng		96
11) bis(2-Chloroethyl)ether	6.793	93	673818	40.212	ng		100
12) 1,3-Dichlorobenzene	7.004	146	749168	42.261	ng		97
13) 1,4-Dichlorobenzene	7.081	146	760913	42.635	ng		98
14) 1,2-Dichlorobenzene	7.234	146	729928	43.938	ng		98
15) Benzyl Alcohol	7.192	79	605554	39.364	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1000483	38.824	ng		99
17) 2-Methylphenol	7.298	107	566461	37.717	ng		99
18) Hexachloroethane	7.575	117	270751	42.864	ng		97
19) n-Nitroso-di-n-propyla...	7.469	70	504739	37.958	ng		98
20) 3+4-Methylphenols	7.451	107	743480	38.329	ng		93
22) Acetophenone	7.469	105	983665	40.757	ng		99
24) Nitrobenzene	7.645	77	745141	39.677	ng		99
25) Isophorone	7.881	82	1358125	39.339	ng		99
26) 2-Nitrophenol	7.957	139	375418	45.552	ng		97
27) 2,4-Dimethylphenol	7.981	122	543137	32.666	ng		98
28) bis(2-Chloroethoxy)met...	8.087	93	822248	38.994	ng		99
29) 2,4-Dichlorophenol	8.192	162	609219	41.807	ng		98
30) 1,2,4-Trichlorobenzene	8.287	180	627052	42.217	ng		97
31) Naphthalene	8.369	128	2049634	40.705	ng		100
32) Benzoic acid	8.087	122	446495	42.410	ng		98
33) 4-Chloroaniline	8.410	127	280718	13.171	ng		97
34) Hexachlorobutadiene	8.481	225	373626	41.960	ng		98
35) Caprolactam	8.781	113	193778m	41.130	ng		
36) 4-Chloro-3-methylphenol	8.881	107	627965	40.630	ng		97
37) 2-Methylnaphthalene	9.057	142	1348892	39.030	ng		99
38) 1-Methylnaphthalene	9.163	142	1255469	38.854	ng		99
40) 1,2,4,5-Tetrachloroben...	9.222	216	624225	42.417	ng		99
41) Hexachlorocyclopentadiene	9.210	237	737179	89.402	ng		99
43) 2,4,6-Trichlorophenol	9.334	196	441711	42.786	ng		100

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44) 2,4,5-Trichlorophenol	9.369	196	463551	39.179	ng		98
46) 1,1'-Biphenyl	9.522	154	1640777	42.017	ng		98
47) 2-Chloronaphthalene	9.551	162	1267998	42.123	ng		99
48) 2-Nitroaniline	9.645	65	380884	41.523	ng		89
49) Acenaphthylene	9.975	152	1998628	42.575	ng		99
50) Dimethylphthalate	9.822	163	1517687	40.581	ng		100
51) 2,6-Dinitrotoluene	9.886	165	335978	42.637	ng	#	83
52) Acenaphthene	10.145	154	1324847	43.585	ng		98
53) 3-Nitroaniline	10.051	138	223313	25.218	ng		95
54) 2,4-Dinitrophenol	10.157	184	330834	79.089	ng	#	49
55) Dibenzofuran	10.316	168	1804548	40.500	ng		99
56) 4-Nitrophenol	10.210	139	472778	68.653	ng		93
57) 2,4-Dinitrotoluene	10.292	165	446379	44.934	ng		89
58) Fluorene	10.663	166	1421485	40.829	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	382516	41.752	ng		97
60) Diethylphthalate	10.522	149	1435130	39.896	ng		99
61) 4-Chlorophenyl-phenyle...	10.651	204	699928	40.687	ng		94
62) 4-Nitroaniline	10.675	138	319175	37.841	ng		98
63) Azobenzene	10.810	77	1427695	38.732	ng		95
65) 4,6-Dinitro-2-methylph...	10.698	198	235342	47.388	ng		78
66) n-Nitrosodiphenylamine	10.769	169	1239736	42.260	ng		100
67) 4-Bromophenyl-phenylether	11.139	248	435326	43.374	ng		98
68) Hexachlorobenzene	11.204	284	448540	45.874	ng		98
69) Atrazine	11.286	200	412080	50.815	ng		98
70) Pentachlorophenol	11.398	266	556013	75.594	ng		100
71) Phenanthrene	11.627	178	2034765	44.378	ng		100
72) Anthracene	11.680	178	1964470	41.841	ng		99
73) Carbazole	11.833	167	1671614	39.286	ng		99
74) Di-n-butylphthalate	12.151	149	2109080	40.662	ng		99
75) Fluoranthene	12.822	202	2010543	41.718	ng		100
77) Benzidine	12.939	184	676655	68.161	ng		98
78) Pyrene	13.051	202	1909561	54.737	ng		99
80) Butylbenzylphthalate	13.657	149	650071	52.546	ng		95
81) Benzo(a)anthracene	14.239	228	1311117	44.227	ng		99
82) 3,3'-Dichlorobenzidine	14.198	252	262723	28.643	ng		98
83) Chrysene	14.280	228	1241752	44.830	ng		99
84) Bis(2-ethylhexyl)phtha...	14.210	149	952991	51.008	ng		98
85) Di-n-octyl phthalate	14.839	149	1352539	48.194	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1583203	54.772	ng		99
88) Benzo(b)fluoranthene	15.351	252	1307800	39.204	ng		99
89) Benzo(k)fluoranthene	15.380	252	1296610	39.541	ng		100
90) Benzo(a)pyrene	15.757	252	1271055	42.474	ng		99
91) Dibenzo(a,h)anthracene	17.486	278	1272307	53.041	ng		99
92) Benzo(g,h,i)perylene	17.968	276	1180607	50.616	ng		98

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

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