Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135943.D
Acq On : 25 Oct 2023 15:09
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 25 16:27:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 16:25:47 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/26/2023
Supervised By :mohammad ahmed 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	166485	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	647478	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	322304	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	599589	20.000	ng		0.00
76) Chrysene-d12	14.010	240	321974	20.000	ng		0.00
86) Perylene-d12	15.492	264	348060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1677041	155.547	ng		0.00
7) Phenol-d6	6.469	99	2089680	155.683	ng		0.01
23) Nitrobenzene-d5	7.398	82	1736650	163.807	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	510618	180.999	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	2825764	140.388	ng		0.00
79) Terphenyl-d14	12.957	244	3207945	166.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	407507	81.366	ng		100
3) Pyridine	3.387	79	1134294	82.055	ng		99
4) n-Nitrosodimethylamine	3.369	42	497457	82.531	ng		99
6) Aniline	6.504	93	1410383	78.221	ng		98
8) 2-Chlorophenol	6.616	128	863258	77.343	ng		99
9) Benzaldehyde	6.381	77	494810	68.147	ng		96
10) Phenol	6.487	94	1116609m	79.770	ng		
11) bis(2-Chloroethyl)ether	6.575	93	840790	76.978	ng		97
12) 1,3-Dichlorobenzene	6.769	146	908821	76.659	ng		98
13) 1,4-Dichlorobenzene	6.845	146	901712	75.732	ng		97
14) 1,2-Dichlorobenzene	7.004	146	819908	74.155	ng		99
15) Benzyl Alcohol	6.975	79	714092	75.257	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1216526	75.630	ng		98
17) 2-Methylphenol	7.081	107	778649	79.154	ng		98
18) Hexachloroethane	7.340	117	319423	78.896	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	601131	78.756	ng		97
20) 3+4-Methylphenols	7.240	107	855215	72.033	ng	#	89
22) Acetophenone	7.245	105	1087691	74.378	ng	#	99
24) Nitrobenzene	7.416	77	895159	81.575	ng		97
25) Isophorone	7.657	82	1681716	82.170	ng		99
27) 2,4-Dimethylphenol	7.769	122	753796	80.812	ng		100
28) bis(2-Chloroethoxy)met...	7.869	93	993937	79.086	ng		98
29) 2,4-Dichlorophenol	7.969	162	702166	84.064	ng		96
30) 1,2,4-Trichlorobenzene	8.051	180	743852	78.654	ng		100
31) Naphthalene	8.134	128	2366634	75.602	ng		99
32) Benzoic acid	7.916	122	504765m	79.546	ng		
33) 4-Chloroaniline	8.181	127	1080068	78.063	ng		99
34) Hexachlorobutadiene	8.245	225	417885	78.395	ng		98
35) Caprolactam	8.581	113	245659m	88.379	ng		
36) 4-Chloro-3-methylphenol	8.663	107	739692	83.332	ng		98
37) 2-Methylnaphthalene	8.822	142	1569492	75.778	ng		98
38) 1-Methylnaphthalene	8.922	142	1461040	75.493	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	701554	77.067	ng		100
41) Hexachlorocyclopentadiene	8.975	237	412605	91.922	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	471623	88.518	ng		99
44) 2,4,5-Trichlorophenol	9.134	196	539909	85.348	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.292	154	1807465	74.010	ng		99
47) 2-Chloronaphthalene	9.316	162	1384209	76.628	ng		97
48) 2-Nitroaniline	9.410	65	450697	79.820	ng		99
49) Acenaphthylene	9.733	152	2162956	75.899	ng		98
50) Dimethylphthalate	9.604	163	1641686	78.545	ng		99
51) 2,6-Dinitrotoluene	9.657	165	370675	81.741	ng		91
52) Acenaphthene	9.904	154	1426879	78.128	ng		99
53) 3-Nitroaniline	9.828	138	441950	81.698	ng		97
54) 2,4-Dinitrophenol	9.928	184	131568	80.012	ng	#	88
55) Dibenzofuran	10.075	168	1983480	75.176	ng		99
56) 4-Nitrophenol	9.981	139	342640	81.165	ng		95
57) 2,4-Dinitrotoluene	10.063	165	464131	81.854	ng		98
58) Fluorene	10.422	166	1420040	71.939	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	420716	88.381	ng		99
60) Diethylphthalate	10.298	149	1563249	78.432	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	680061	71.421	ng		98
62) 4-Nitroaniline	10.451	138	440283	82.102	ng		97
63) Azobenzene	10.575	77	1557284	76.992	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	207000	79.765	ng		98
66) n-Nitrosodiphenylamine	10.539	169	1398963	77.233	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	489739	79.756	ng		97
68) Hexachlorobenzene	10.963	284	516765	78.781	ng		96
69) Atrazine	11.069	200	359838	72.873	ng		99
70) Pentachlorophenol	11.157	266	337509	81.093	ng		98
71) Phenanthrene	11.386	178	2281491	75.210	ng		99
72) Anthracene	11.439	178	2307965	74.305	ng		99
73) Carbazole	11.592	167	2108952	76.115	ng		99
74) Di-n-butylphthalate	11.933	149	2294716	77.829	ng		100
75) Fluoranthene	12.574	202	2389998	74.890	ng		97
77) Benzidine	12.698	184	403031	64.917	ng		96
78) Pyrene	12.810	202	2403873	88.919	ng		99
80) Butylbenzylphthalate	13.439	149	863917	81.643	ng		96
81) Benzo(a)anthracene	13.998	228	1784318	81.504	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	547529	82.206	ng		98
83) Chrysene	14.039	228	1761550	82.615	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	960076	86.363	ng		100
85) Di-n-octyl phthalate	14.627	149	1598787	91.296	ng		100
88) Benzo(b)fluoranthene	15.063	252	1662131	80.242	ng		100
89) Benzo(k)fluoranthene	15.092	252	1607811	79.033	ng		100
90) Benzo(a)pyrene	15.433	252	1609997	84.334	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	1584257	93.846	ng		99
92) Benzo(g,h,i)perylene	17.480	276	1653427	83.157	ng		99

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

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