Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140976.D
Acq On : 26 Dec 2024 18:59
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 27 00:25:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	268664	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	1029031	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	545680	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	952375	20.000	ng	0.00
76) Chrysene-d12	13.986	240	546797	20.000	ng	0.00
86) Perylene-d12	15.445	264	494154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1988304	111.557	ng	0.00
7) Phenol-d6	6.457	99	2600411	113.257	ng	0.00
23) Nitrobenzene-d5	7.398	82	2156825	134.096	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	652968	123.146	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3609485	105.387	ng	0.00
79) Terphenyl-d14	12.939	244	4068426	123.586	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	473973	58.739	ng	99
3) Pyridine	3.304	79	1105688	56.070	ng	99
4) n-Nitrosodimethylamine	3.263	42	598427	59.893	ng	100
6) Aniline	6.528	93	1052307m	51.389	ng	
8) 2-Chlorophenol	6.616	128	1063361	56.588	ng	99
9) Benzaldehyde	6.381	77	619087	59.109	ng	99
10) Phenol	6.469	94	1365070	57.498	ng	97
11) bis(2-Chloroethyl)ether	6.569	93	1112573	58.092	ng	96
12) 1,3-Dichlorobenzene	6.769	146	1157733	55.826	ng	98
13) 1,4-Dichlorobenzene	6.851	146	1160534	55.512	ng	99
14) 1,2-Dichlorobenzene	7.004	146	1070694	54.930	ng	99
15) Benzyl Alcohol	6.969	79	944223	57.228	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1624495	56.036	ng	100
17) 2-Methylphenol	7.075	107	893930	57.262	ng	98
18) Hexachloroethane	7.345	117	432447	58.230	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	792252	56.323	ng	99
20) 3+4-Methylphenols	7.234	107	1091707	55.260	ng	94
22) Acetophenone	7.245	105	1400933	55.496	ng	99
24) Nitrobenzene	7.416	77	1168779	65.032	ng	98
25) Isophorone	7.657	82	2034290	58.123	ng	100
26) 2-Nitrophenol	7.728	139	467251	61.735	ng	98
27) 2,4-Dimethylphenol	7.763	122	754114	58.955	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1248974	56.322	ng	99
29) 2,4-Dichlorophenol	7.963	162	866778	59.747	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	943563	57.464	ng	99
31) Naphthalene	8.134	128	2998347	55.296	ng	99
32) Benzoic acid	7.886	122	681257	62.038	ng	98
33) 4-Chloroaniline	8.186	127	1133393	57.778	ng	99
34) Hexachlorobutadiene	8.251	225	561087	57.963	ng	100
35) Caprolactam	8.557	113	294367	59.682	ng	99
36) 4-Chloro-3-methylphenol	8.657	107	953935	59.209	ng	100
37) 2-Methylnaphthalene	8.822	142	1924796	55.487	ng	100
38) 1-Methylnaphthalene	8.922	142	1898518	55.689	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	860616	57.327	ng	100
41) Hexachlorocyclopentadiene	8.975	237	311667	62.648	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	623356	62.389	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	597336	58.429	ng		99
46) 1,1'-Biphenyl	9.286	154	2302280	55.102	ng		99
47) 2-Chloronaphthalene	9.310	162	1807450	55.777	ng		99
48) 2-Nitroaniline	9.404	65	538159	61.984	ng		97
49) Acenaphthylene	9.728	152	2603514	55.811	ng		99
50) Dimethylphthalate	9.592	163	2047854	57.054	ng		100
51) 2,6-Dinitrotoluene	9.651	165	455999	61.208	ng		99
52) Acenaphthene	9.898	154	1786036	56.633	ng		100
53) 3-Nitroaniline	9.816	138	498260	61.600	ng		98
54) 2,4-Dinitrophenol	9.916	184	160979	62.314	ng	#	13
55) Dibenzofuran	10.069	168	2477328	55.896	ng		99
56) 4-Nitrophenol	9.963	139	414262	67.472	ng		100
57) 2,4-Dinitrotoluene	10.051	165	568343	62.002	ng		99
58) Fluorene	10.416	166	1857483	54.047	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	518034	61.184	ng		99
60) Diethylphthalate	10.292	149	2016065	56.895	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	911842	55.139	ng		99
62) 4-Nitroaniline	10.433	138	492850	60.999	ng		98
63) Azobenzene	10.569	77	2116887	56.916	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	244187	61.133	ng		99
66) n-Nitrosodiphenylamine	10.528	169	1699227	56.660	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	568559	55.225	ng		97
68) Hexachlorobenzene	10.957	284	655571	57.748	ng		98
69) Atrazine	11.051	200	399874	47.727	ng		99
70) Pentachlorophenol	11.145	266	459586	65.024	ng		100
71) Phenanthrene	11.374	178	2736242	54.589	ng		99
72) Anthracene	11.427	178	2700285	54.978	ng		99
73) Carbazole	11.580	167	2591020	54.876	ng		99
74) Di-n-butylphthalate	11.916	149	2982533	55.537	ng		100
75) Fluoranthene	12.563	202	2957043	54.394	ng		99
77) Benzidine	12.680	184	840598	72.741	ng		99
78) Pyrene	12.792	202	3019750	63.146	ng		99
80) Butylbenzylphthalate	13.416	149	1164076	66.663	ng		99
81) Benzo(a)anthracene	13.974	228	2189499	57.454	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	633054	55.291	ng		99
83) Chrysene	14.015	228	1979370	57.618	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1372706	60.602	ng		100
85) Di-n-octyl phthalate	14.592	149	1956498	59.679	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	2132438	68.495	ng		100
88) Benzo(b)fluoranthene	15.021	252	2019420	58.595	ng		100
89) Benzo(k)fluoranthene	15.051	252	1506683	55.778	ng		100
90) Benzo(a)pyrene	15.380	252	1578812	59.020	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1726815	68.425	ng		99
92) Benzo(g,h,i)perylene	17.339	276	1843269	70.421	ng		100

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

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