Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140983.D
Acq On : 27 Dec 2024 09:11
Operator : RC/JU
Sample : PB165785BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 27 10:37:40 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 00:31:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165785BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	274747	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1108868	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	597046	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1008689	20.000	ng	0.00
76) Chrysene-d12	13.986	240	702609	20.000	ng	0.00
86) Perylene-d12	15.439	264	567599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2331277	127.904	ng	0.01
7) Phenol-d6	6.451	99	2989885	127.337	ng	0.00
23) Nitrobenzene-d5	7.393	82	1804830	104.133	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	861659	148.523	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3274669	87.386	ng	0.00
79) Terphenyl-d14	12.939	244	3778801	89.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	337111	40.853	ng	99
3) Pyridine	3.405	79	884364	43.854	ng	100
4) n-Nitrosodimethylamine	3.352	42	472913	46.283	ng	99
6) Aniline	6.493	93	928861	44.356	ng	99
8) 2-Chlorophenol	6.610	128	925347	48.153	ng	98
9) Benzaldehyde	6.375	77	202390	11.797	ng	99
10) Phenol	6.469	94	1170427	48.208	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	882289	45.006	ng	100
12) 1,3-Dichlorobenzene	6.769	146	933742	44.028	ng	100
13) 1,4-Dichlorobenzene	6.845	146	946529	44.273	ng	100
14) 1,2-Dichlorobenzene	6.998	146	913260	45.816	ng	99
15) Benzyl Alcohol	6.969	79	819344	48.560	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1421505	47.948	ng	100
17) 2-Methylphenol	7.075	107	762845	47.783	ng	99
18) Hexachloroethane	7.340	117	349442	46.012	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	668406	46.467	ng	99
20) 3+4-Methylphenols	7.228	107	935952	46.327	ng	92
22) Acetophenone	7.240	105	1229730	45.207	ng	99
24) Nitrobenzene	7.410	77	950229	49.065	ng	98
25) Isophorone	7.651	82	1787139	47.385	ng	99
26) 2-Nitrophenol	7.728	139	394188	49.482	ng	99
27) 2,4-Dimethylphenol	7.757	122	766947	55.641	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1089173	45.580	ng	99
29) 2,4-Dichlorophenol	7.963	162	744817	47.644	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	773334	43.706	ng	100
31) Naphthalene	8.134	128	2612061	44.704	ng	100
32) Benzoic acid	7.875	122	506392	45.180	ng	97
33) 4-Chloroaniline	8.175	127	428402	20.267	ng	99
34) Hexachlorobutadiene	8.251	225	452413	43.371	ng	99
35) Caprolactam	8.539	113	250684m	47.170	ng	
36) 4-Chloro-3-methylphenol	8.651	107	810772	46.700	ng	99
37) 2-Methylnaphthalene	8.822	142	1722840	46.090	ng	99
38) 1-Methylnaphthalene	8.922	142	1598257	43.506	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	729914	44.438	ng	98
41) Hexachlorocyclopentadiene	8.975	237	902266	165.760	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	550450	50.352	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	508518	45.462	ng		99
46) 1,1'-Biphenyl	9.287	154	2065336	45.178	ng		99
47) 2-Chloronaphthalene	9.310	162	1556159	43.890	ng		99
48) 2-Nitroaniline	9.404	65	467505	50.170	ng		95
49) Acenaphthylene	9.728	152	2444717	47.898	ng		99
50) Dimethylphthalate	9.586	163	1838728	46.821	ng		100
51) 2,6-Dinitrotoluene	9.645	165	386549	48.245	ng		99
52) Acenaphthene	9.898	154	1703583	49.371	ng		100
53) 3-Nitroaniline	9.810	138	265656	31.691	ng	#	97
54) 2,4-Dinitrophenol	9.916	184	304969	90.306	ng	#	1
55) Dibenzofuran	10.069	168	2215928	45.697	ng		100
56) 4-Nitrophenol	9.969	139	725953	108.065	ng		99
57) 2,4-Dinitrotoluene	10.051	165	506429	51.330	ng		99
58) Fluorene	10.410	166	1678446	44.636	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	465904	50.293	ng		98
60) Diethylphthalate	10.292	149	1778699	45.878	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	801949	44.322	ng		99
62) 4-Nitroaniline	10.428	138	415348	47.753	ng		98
63) Azobenzene	10.569	77	1882254	46.254	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	214224	52.241	ng		97
66) n-Nitrosodiphenylamine	10.522	169	1538861	48.448	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	523358	47.996	ng		97
68) Hexachlorobenzene	10.957	284	574649	47.794	ng		98
69) Atrazine	11.051	200	528271	59.532	ng		99
70) Pentachlorophenol	11.151	266	711356	95.026	ng		99
71) Phenanthrene	11.375	178	2570987	48.429	ng		100
72) Anthracene	11.428	178	2574703	49.495	ng		100
73) Carbazole	11.580	167	2320550	46.404	ng		100
74) Di-n-butylphthalate	11.916	149	2695936	47.398	ng		100
75) Fluoranthene	12.563	202	2641352	45.875	ng		99
77) Benzidine	12.680	184	799588	53.848	ng		99
78) Pyrene	12.792	202	2743608	44.649	ng		100
80) Butylbenzylphthalate	13.416	149	1083298	48.279	ng		99
81) Benzo(a)anthracene	13.974	228	2212692	45.187	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	405461	27.560	ng		99
83) Chrysene	14.016	228	1950985	44.197	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1364261	46.873	ng		100
85) Di-n-octyl phthalate	14.592	149	2068227	49.097	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1908430	53.368	ng		99
88) Benzo(b)fluoranthene	15.021	252	1741466	43.991	ng		99
89) Benzo(k)fluoranthene	15.051	252	1629204	52.510	ng		99
90) Benzo(a)pyrene	15.380	252	1540646	50.141	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1530271	52.791	ng		100
92) Benzo(g,h,i)perylene	17.333	276	1454174	48.367	ng		100

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

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