Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140992.D
Acq On : 27 Dec 2024 13:07
Operator : RC/JU
Sample : PB165845BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 27 13:39:58 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 :
PB165845BS

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	237476	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	956660	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	508461	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852780	20.000	ng	0.00
76) Chrysene-d12	13.986	240	597621	20.000	ng	0.00
86) Perylene-d12	15.439	264	491502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2326498	147.674	ng	0.01
7) Phenol-d6	6.451	99	2992516	147.452	ng	0.00
23) Nitrobenzene-d5	7.392	82	1828432	122.279	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	832297	168.456	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3223816	101.017	ng	0.00
79) Terphenyl-d14	12.933	244	3631038	100.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	316751	44.410	ng	99
3) Pyridine	3.404	79	834212	47.859	ng	99
4) n-Nitrosodimethylamine	3.351	42	454126	51.420	ng	99
6) Aniline	6.487	93	799813	44.188	ng	98
8) 2-Chlorophenol	6.610	128	888865	53.514	ng	98
9) Benzaldehyde	6.375	77	179402	12.365	ng	98
10) Phenol	6.469	94	1101010	52.466	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	834457	49.247	ng	100
12) 1,3-Dichlorobenzene	6.769	146	889074	48.502	ng	99
13) 1,4-Dichlorobenzene	6.845	146	902205	48.823	ng	99
14) 1,2-Dichlorobenzene	6.998	146	863622	50.125	ng	99
15) Benzyl Alcohol	6.969	79	758724	52.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1342841	52.404	ng	100
17) 2-Methylphenol	7.075	107	720182	52.191	ng	99
18) Hexachloroethane	7.339	117	328695	50.072	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	628882	50.581	ng	99
20) 3+4-Methylphenols	7.228	107	887918	50.848	ng	93
22) Acetophenone	7.239	105	1164427	49.617	ng	99
24) Nitrobenzene	7.410	77	917966	54.940	ng	98
25) Isophorone	7.651	82	1668522	51.278	ng	100
26) 2-Nitrophenol	7.728	139	401624	57.478	ng	99
27) 2,4-Dimethylphenol	7.757	122	723591	60.848	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	1025674	49.752	ng	100
29) 2,4-Dichlorophenol	7.963	162	697158	51.691	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	729887	47.814	ng	99
31) Naphthalene	8.133	128	2471273	49.023	ng	100
32) Benzoic acid	7.869	122	503097	50.862	ng	97
33) 4-Chloroaniline	8.175	127	293273	16.081	ng	99
34) Hexachlorobutadiene	8.251	225	431560	47.955	ng	99
35) Caprolactam	8.539	113	233078m	50.835	ng	
36) 4-Chloro-3-methylphenol	8.651	107	759652	50.717	ng	99
37) 2-Methylnaphthalene	8.822	142	1594390	49.440	ng	100
38) 1-Methylnaphthalene	8.922	142	1495200	47.176	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	693928	49.608	ng	99
41) Hexachlorocyclopentadiene	8.975	237	843032	181.861	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	512127	55.008	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	483800	50.788	ng		99
46) 1,1'-Biphenyl	9.286	154	1948058	50.037	ng		100
47) 2-Chloronaphthalene	9.310	162	1469777	48.676	ng		100
48) 2-Nitroaniline	9.404	65	458643	57.089	ng		95
49) Acenaphthylene	9.727	152	2284825	52.565	ng		100
50) Dimethylphthalate	9.586	163	1720580	51.445	ng		100
51) 2,6-Dinitrotoluene	9.645	165	374454	54.375	ng		99
52) Acenaphthene	9.898	154	1622020	55.197	ng		99
53) 3-Nitroaniline	9.810	138	230474	32.223	ng	#	96
54) 2,4-Dinitrophenol	9.916	184	308206	101.093	ng	#	1
55) Dibenzofuran	10.069	168	2067677	50.068	ng		100
56) 4-Nitrophenol	9.969	139	666358	116.476	ng		95
57) 2,4-Dinitrotoluene	10.051	165	491160	57.830	ng		98
58) Fluorene	10.410	166	1561605	48.764	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	430838	54.610	ng		99
60) Diethylphthalate	10.286	149	1649179	49.948	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	747927	48.538	ng		99
62) 4-Nitroaniline	10.427	138	396300	53.099	ng		95
63) Azobenzene	10.563	77	1749377	50.478	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	217215	60.793	ng		99
66) n-Nitrosodiphenylamine	10.522	169	1437255	53.521	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	490534	53.211	ng		99
68) Hexachlorobenzene	10.957	284	531956	52.332	ng		100
69) Atrazine	11.051	200	483104	64.396	ng		99
70) Pentachlorophenol	11.151	266	660595	104.378	ng		99
71) Phenanthrene	11.374	178	2365361	52.701	ng		100
72) Anthracene	11.421	178	2395731	54.474	ng		100
73) Carbazole	11.574	167	2138020	50.570	ng		100
74) Di-n-butylphthalate	11.916	149	2474103	51.450	ng		100
75) Fluoranthene	12.557	202	2422076	49.757	ng		100
77) Benzidine	12.680	184	624374	49.435	ng		98
78) Pyrene	12.786	202	2511217	48.046	ng		100
80) Butylbenzylphthalate	13.410	149	997737	52.278	ng		97
81) Benzo(a)anthracene	13.974	228	2007470	48.198	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	328902	26.283	ng		99
83) Chrysene	14.015	228	1920247	51.143	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1247822	50.404	ng		99
85) Di-n-octyl phthalate	14.592	149	1974999	55.120	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1693821	54.700	ng		99
88) Benzo(b)fluoranthene	15.021	252	1637731	47.776	ng		99
89) Benzo(k)fluoranthene	15.051	252	1599717	59.542	ng		100
90) Benzo(a)pyrene	15.380	252	1483916	55.772	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	1369852	54.573	ng		99
92) Benzo(g,h,i)perylene	17.333	276	1271204	48.828	ng		99

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

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