Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140876.D
Acq On : 17 Dec 2024 11:09
Operator : RC/JU
Sample : PB165623BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 17 12:20:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165623BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	67717	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	275341	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	149585	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	265357	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180221	20.000	ng	0.00
86) Perylene-d12	15.515	264	176281	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	663853	161.381	ng	0.00
7) Phenol-d6	6.498	99	828322	152.029	ng	0.00
23) Nitrobenzene-d5	7.416	82	529226	96.163	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	243982	137.908	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	969862	89.141	ng	0.00
79) Terphenyl-d14	12.957	244	1129021	98.785	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	61664	34.802	ng	99
3) Pyridine	3.475	79	161194	39.283	ng	99
4) n-Nitrosodimethylamine	3.416	42	91663	44.312	ng	98
6) Aniline	6.516	93	232576	49.925	ng	93
8) 2-Chlorophenol	6.645	128	214856	47.896	ng	99
9) Benzaldehyde	6.410	77	65316	21.635	ng	97
10) Phenol	6.516	94	300382	53.194	ng	96
11) bis(2-Chloroethyl)ether	6.587	93	226571	53.801	ng	99
12) 1,3-Dichlorobenzene	6.787	146	237840	46.530	ng	99
13) 1,4-Dichlorobenzene	6.863	146	244303	47.085	ng	99
14) 1,2-Dichlorobenzene	7.016	146	242708	49.578	ng	99
15) Benzyl Alcohol	6.998	79	213975	54.926	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	274560	55.344	ng	90
17) 2-Methylphenol	7.116	107	184502	51.516	ng	98
18) Hexachloroethane	7.351	117	97334	50.391	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	173987	53.236	ng	99
20) 3+4-Methylphenols	7.269	107	251496	52.957	ng	96
22) Acetophenone	7.263	105	335368	48.690	ng	99
24) Nitrobenzene	7.434	77	266173	47.210	ng	98
25) Isophorone	7.669	82	485726	52.675	ng	99
26) 2-Nitrophenol	7.751	139	137086	52.793	ng	97
27) 2,4-Dimethylphenol	7.787	122	195115	64.341	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	263696	45.786	ng	98
29) 2,4-Dichlorophenol	7.998	162	198401	47.388	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	214292	44.649	ng	99
31) Naphthalene	8.151	128	697595	46.123	ng	100
32) Benzoic acid	7.939	122	113833	39.579	ng	99
33) 4-Chloroaniline	8.204	127	137010	27.275	ng	99
34) Hexachlorobutadiene	8.263	225	142248	44.052	ng	100
35) Caprolactam	8.581	113	64940m	52.101	ng	
36) 4-Chloro-3-methylphenol	8.698	107	229067	48.611	ng	98
37) 2-Methylnaphthalene	8.839	142	472718	47.248	ng	99
38) 1-Methylnaphthalene	8.939	142	426288	43.082	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	234659	51.038	ng	99
41) Hexachlorocyclopentadiene	8.986	237	117174	74.460	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	139213	49.449	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	133534	43.154	ng	99
46) 1,1'-Biphenyl	9.304	154	557673	46.884	ng	100
47) 2-Chloronaphthalene	9.333	162	409267	44.976	ng	99
48) 2-Nitroaniline	9.433	65	135746	49.394	ng	99
49) Acenaphthylene	9.745	152	690760	51.655	ng	100
50) Dimethylphthalate	9.604	163	524662	49.749	ng	100
51) 2,6-Dinitrotoluene	9.675	165	113547	47.097	ng	99
52) Acenaphthene	9.916	154	414491	48.523	ng	100
53) 3-Nitroaniline	9.851	138	79843	33.371	ng	100
54) 2,4-Dinitrophenol	9.969	184	91056	77.618	ng	98
55) Dibenzofuran	10.092	168	617331	46.638	ng	100
56) 4-Nitrophenol	10.033	139	113631	87.832	ng	92
57) 2,4-Dinitrotoluene	10.086	165	149534	47.140	ng	99
58) Fluorene	10.433	166	508250	46.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127160	50.431	ng	99
60) Diethylphthalate	10.304	149	530308	48.492	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	252935	46.111	ng	99
62) 4-Nitroaniline	10.469	138	116195	46.474	ng	98
63) Azobenzene	10.580	77	489614	47.623	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	77656	51.645	ng	95
66) n-Nitrosodiphenylamine	10.545	169	442044	54.182	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154067	51.899	ng	99
68) Hexachlorobenzene	10.986	284	173007	51.402	ng	99
69) Atrazine	11.075	200	139403	61.180	ng	99
70) Pentachlorophenol	11.186	266	113205	91.995	ng	99
71) Phenanthrene	11.398	178	674680	49.442	ng	99
72) Anthracene	11.451	178	695759	51.774	ng	99
73) Carbazole	11.610	167	636670	48.369	ng	99
74) Di-n-butylphthalate	11.927	149	822141	53.220	ng	100
75) Fluoranthene	12.592	202	727283	46.279	ng	99
77) Benzidine	12.716	184	235960	64.150	ng	99
78) Pyrene	12.822	202	773155	48.243	ng	99
80) Butylbenzylphthalate	13.427	149	330850	56.106	ng	100
81) Benzo(a)anthracene	14.016	228	648975	50.809	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	133796	34.719	ng	99
83) Chrysene	14.051	228	587305	50.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	422311	55.541	ng	100
85) Di-n-octyl phthalate	14.610	149	684204	59.478	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	581794	52.887	ng	100
88) Benzo(b)fluoranthene	15.080	252	647956	52.953	ng	100
89) Benzo(k)fluoranthene	15.110	252	517848	49.335	ng	99
90) Benzo(a)pyrene	15.451	252	505583	52.766	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	479834	52.651	ng	99
92) Benzo(g,h,i)perylene	17.474	276	442370	47.693	ng	99

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

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