Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140631.D
Acq On : 26 Nov 2024 10:27
Operator : RC/JU
Sample : PB165203BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 26 11:16:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165203BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/27/2024
Supervised By :mohammad ahmed
11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112733	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	437990	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246749	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	453806	20.000	ng	0.00
76) Chrysene-d12	14.051	240	253441	20.000	ng	0.00
86) Perylene-d12	15.539	264	212014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	915450	138.553	ng	0.02
7) Phenol-d6	6.516	99	1181076	135.214	ng	0.00
23) Nitrobenzene-d5	7.440	82	778338	90.898	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	361006	136.797	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1475849	89.116	ng	0.00
79) Terphenyl-d14	12.986	244	1583787	97.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	120196	43.267	ng	98
3) Pyridine	3.522	79	308217	50.426	ng	99
4) n-Nitrosodimethylamine	3.481	42	164853	45.890	ng	87
6) Aniline	6.540	93	367584	59.788	ng	91
8) 2-Chlorophenol	6.663	128	361462	50.850	ng	96
9) Benzaldehyde	6.422	77	168677	36.478	ng	98
10) Phenol	6.528	94	448689	50.299	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	342795	50.217	ng	100
12) 1,3-Dichlorobenzene	6.816	146	369883	46.309	ng	98
13) 1,4-Dichlorobenzene	6.887	146	378187	46.762	ng	100
14) 1,2-Dichlorobenzene	7.040	146	360678	47.594	ng	100
15) Benzyl Alcohol	7.016	79	330875	51.079	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	422539	52.395	ng	92
17) 2-Methylphenol	7.134	107	282469	49.641	ng	99
18) Hexachloroethane	7.381	117	141556	46.864	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	253904	49.184	ng	97
20) 3+4-Methylphenols	7.287	107	355288	48.578	ng	94
22) Acetophenone	7.281	105	486116	45.525	ng	99
24) Nitrobenzene	7.457	77	393338	44.445	ng	97
25) Isophorone	7.692	82	699377	48.969	ng	99
26) 2-Nitrophenol	7.769	139	195563	49.864	ng	97
27) 2,4-Dimethylphenol	7.810	122	287323	61.231	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	420099	48.283	ng	100
29) 2,4-Dichlorophenol	8.016	162	303934	48.881	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	318802	44.906	ng	99
31) Naphthalene	8.175	128	1053558	46.700	ng	99
32) Benzoic acid	7.945	122	175187	43.666	ng	95
33) 4-Chloroaniline	8.228	127	250051	37.019	ng	98
34) Hexachlorobutadiene	8.287	225	208290	44.295	ng	99
35) Caprolactam	8.604	113	97121m	50.473	ng	
36) 4-Chloro-3-methylphenol	8.716	107	339962	48.833	ng	99
37) 2-Methylnaphthalene	8.869	142	689380	48.110	ng	99
38) 1-Methylnaphthalene	8.963	142	637797	45.409	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	333929	46.228	ng	99
41) Hexachlorocyclopentadiene	9.016	237	291610	170.518	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	219291	48.380	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	230563	46.869	ng	96
46) 1,1'-Biphenyl	9.334	154	860325	46.700	ng	100
47) 2-Chloronaphthalene	9.357	162	642182	46.004	ng	99
48) 2-Nitroaniline	9.457	65	212410	47.406	ng	97
49) Acenaphthylene	9.775	152	1055284	50.034	ng	99
50) Dimethylphthalate	9.633	163	784357	48.266	ng	100
51) 2,6-Dinitrotoluene	9.698	165	168471	45.711	ng	96
52) Acenaphthene	9.945	154	637370	47.561	ng	100
53) 3-Nitroaniline	9.869	138	125308	34.763	ng	96
54) 2,4-Dinitrophenol	9.986	184	173162	89.670	ng	93
55) Dibenzofuran	10.122	168	948185	46.386	ng	99
56) 4-Nitrophenol	10.045	139	233845	95.122	ng	93
57) 2,4-Dinitrotoluene	10.110	165	222527	45.430	ng	97
58) Fluorene	10.463	166	758564	46.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	193057	51.064	ng	94
60) Diethylphthalate	10.333	149	779328	47.200	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	371647	46.155	ng	98
62) 4-Nitroaniline	10.492	138	177574	46.969	ng	91
63) Azobenzene	10.610	77	751030	48.032	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	125946	54.311	ng	93
66) n-Nitrosodiphenylamine	10.575	169	660257	49.199	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	226932	48.557	ng	98
68) Hexachlorobenzene	11.010	284	254884	47.101	ng	97
69) Atrazine	11.104	200	220239	58.336	ng	99
70) Pentachlorophenol	11.210	266	246445	103.474	ng	100
71) Phenanthrene	11.428	178	1068587	48.986	ng	99
72) Anthracene	11.480	178	1101375	51.615	ng	99
73) Carbazole	11.633	167	989305	48.194	ng	100
74) Di-n-butylphthalate	11.957	149	1201611	50.703	ng	99
75) Fluoranthene	12.622	202	1128511	47.648	ng	99
77) Benzidine	12.739	184	347081	47.102	ng	99
78) Pyrene	12.851	202	1154237	49.255	ng	100
80) Butylbenzylphthalate	13.457	149	448140	53.086	ng	97
81) Benzo(a)anthracene	14.039	228	827980	49.353	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	174660	34.675	ng	99
83) Chrysene	14.080	228	774953	50.517	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	604556	56.715	ng	99
85) Di-n-octyl phthalate	14.639	149	843105	57.875	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	689273	49.887	ng	98
88) Benzo(b)fluoranthene	15.110	252	646601	48.555	ng	100
89) Benzo(k)fluoranthene	15.139	252	578800	49.668	ng	99
90) Benzo(a)pyrene	15.480	252	574618	53.069	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	564468	49.885	ng	99
92) Benzo(g,h,i)perylene	17.515	276	525356	45.498	ng	97

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

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