Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140596.D
Acq On : 25 Nov 2024 12:09
Operator : RC/JU
Sample : PB165052BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 25 12:46:10 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 :
PB165052BS

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	94726	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	366046	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	205183	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	398573	20.000	ng		0.00
76) Chrysene-d12	14.057	240	258584	20.000	ng		0.00
86) Perylene-d12	15.556	264	208347	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	756007	136.172	ng		0.01
7) Phenol-d6	6.510	99	979612	133.468	ng		0.00
23) Nitrobenzene-d5	7.433	82	645713	90.230	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	313544	142.881	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1254898	91.125	ng		0.00
79) Terphenyl-d14	12.986	244	1477713	88.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	100849	43.204	ng		99
3) Pyridine	3.510	79	253212	49.302	ng		99
4) n-Nitrosodimethylamine	3.463	42	138917	46.021	ng		96
6) Aniline	6.534	93	240370	46.529	ng	#	83
8) 2-Chlorophenol	6.663	128	297398	49.791	ng		95
9) Benzaldehyde	6.422	77	24334	6.263	ng		96
10) Phenol	6.528	94	368743	49.194	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	281375	49.055	ng		99
12) 1,3-Dichlorobenzene	6.810	146	309838	46.165	ng		100
13) 1,4-Dichlorobenzene	6.886	146	316384	46.557	ng		99
14) 1,2-Dichlorobenzene	7.039	146	302660	47.530	ng		99
15) Benzyl Alcohol	7.016	79	270625	49.719	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	346674	51.160	ng		92
17) 2-Methylphenol	7.128	107	236220	49.405	ng		98
18) Hexachloroethane	7.381	117	117424	46.265	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	213187	49.147	ng		98
20) 3+4-Methylphenols	7.281	107	302644	49.246	ng		99
22) Acetophenone	7.281	105	410095	45.954	ng		99
24) Nitrobenzene	7.451	77	329888	44.602	ng		100
25) Isophorone	7.692	82	584836	48.997	ng		100
26) 2-Nitrophenol	7.769	139	160221	48.882	ng		97
27) 2,4-Dimethylphenol	7.804	122	239741	61.132	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	346950	47.713	ng		99
29) 2,4-Dichlorophenol	8.016	162	251849	48.465	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	265460	44.741	ng		99
31) Naphthalene	8.175	128	877292	46.529	ng		99
32) Benzoic acid	7.939	122	148326	44.143	ng		98
33) 4-Chloroaniline	8.222	127	132563	23.483	ng		99
34) Hexachlorobutadiene	8.286	225	176592	44.935	ng		99
35) Caprolactam	8.592	113	76309m	47.451	ng		
36) 4-Chloro-3-methylphenol	8.716	107	282412	48.540	ng		98
37) 2-Methylnaphthalene	8.863	142	583040	48.686	ng		99
38) 1-Methylnaphthalene	8.963	142	533669	45.463	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	278940	46.438	ng		99
41) Hexachlorocyclopentadiene	9.016	237	252382	177.179	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	180800	47.968	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	193273	47.248	ng	98
46) 1,1'-Biphenyl	9.327	154	727107	47.464	ng	100
47) 2-Chloronaphthalene	9.357	162	537936	46.343	ng	99
48) 2-Nitroaniline	9.457	65	182806	49.065	ng	96
49) Acenaphthylene	9.774	152	900067	51.320	ng	99
50) Dimethylphthalate	9.633	163	667957	49.430	ng	100
51) 2,6-Dinitrotoluene	9.698	165	142243	46.413	ng	95
52) Acenaphthene	9.945	154	544588	48.869	ng	98
53) 3-Nitroaniline	9.869	138	98268	32.784	ng	93
54) 2,4-Dinitrophenol	9.980	184	139414	87.068	ng	98
55) Dibenzofuran	10.116	168	817080	48.070	ng	100
56) 4-Nitrophenol	10.045	139	201877	98.754	ng	94
57) 2,4-Dinitrotoluene	10.104	165	198497	48.733	ng	98
58) Fluorene	10.463	166	647307	47.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	170684	54.292	ng	94
60) Diethylphthalate	10.327	149	670493	48.835	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	318742	47.604	ng	97
62) 4-Nitroaniline	10.486	138	152840	48.617	ng	95
63) Azobenzene	10.610	77	635929	48.910	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	103247	50.693	ng	98
66) n-Nitrosodiphenylamine	10.569	169	561659	47.651	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	197713	48.168	ng	96
68) Hexachlorobenzene	11.010	284	221512	46.606	ng	99
69) Atrazine	11.098	200	190550	57.466	ng	98
70) Pentachlorophenol	11.210	266	211014	100.875	ng	100
71) Phenanthrene	11.427	178	955175	49.855	ng	99
72) Anthracene	11.474	178	954897	50.952	ng	99
73) Carbazole	11.633	167	882457	48.946	ng	99
74) Di-n-butylphthalate	11.957	149	1038777	49.906	ng	99
75) Fluoranthene	12.615	202	1041789	50.082	ng	99
77) Benzidine	12.739	184	230497	30.659	ng	99
78) Pyrene	12.845	202	1070546	44.775	ng	100
80) Butylbenzylphthalate	13.457	149	421568	48.945	ng	98
81) Benzo(a)anthracene	14.045	228	840130	49.081	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	162909	31.699	ng	98
83) Chrysene	14.080	228	767340	49.026	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	555180	51.047	ng	98
85) Di-n-octyl phthalate	14.657	149	833480	56.077	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	606353	44.658	ng	98
88) Benzo(b)fluoranthene	15.121	252	675959	51.653	ng	99
89) Benzo(k)fluoranthene	15.151	252	565486	49.379	ng	99
90) Benzo(a)pyrene	15.498	252	564395	53.042	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	500105	44.975	ng	99
92) Benzo(g,h,i)perylene	17.527	276	452329	39.863	ng	98

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

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