Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
Data File : BF140451.D
Acq On : 18 Nov 2024 13:43
Operator : RC/JU
Sample : PB164965BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 18 14:06:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164965BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	140577	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	538294	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	298624	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	550937	20.000	ng		0.00
76) Chrysene-d12	14.051	240	293933	20.000	ng		0.00
86) Perylene-d12	15.557	264	265318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	988360	120.042	ng		0.02
7) Phenol-d6	6.516	99	1287003	115.374	ng		0.01
23) Nitrobenzene-d5	7.440	82	853546	82.617	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	372592	125.470	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1560344	83.996	ng		0.00
79) Terphenyl-d14	12.986	244	1682320	99.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	138228	37.668	ng		97
3) Pyridine	3.487	79	349864	38.781	ng		99
4) n-Nitrosodimethylamine	3.446	42	187698	41.166	ng		97
6) Aniline	6.540	93	358664	36.961	ng	#	55
8) 2-Chlorophenol	6.663	128	400770	45.314	ng		97
9) Benzaldehyde	6.428	77	272322	40.732	ng		98
10) Phenol	6.534	94	492605	41.874	ng		76
11) bis(2-Chloroethyl)ether	6.610	93	391816	43.958	ng		100
12) 1,3-Dichlorobenzene	6.816	146	408327	41.844	ng		99
13) 1,4-Dichlorobenzene	6.893	146	416765	42.120	ng		99
14) 1,2-Dichlorobenzene	7.045	146	400274	43.576	ng		99
15) Benzyl Alcohol	7.022	79	357741	44.513	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	523591	42.527	ng		71
17) 2-Methylphenol	7.134	107	317926	43.697	ng	#	93
18) Hexachloroethane	7.387	117	158253	43.263	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	287259	42.638	ng		99
20) 3+4-Methylphenols	7.287	107	394860	43.397	ng		96
22) Acetophenone	7.281	105	534257	42.674	ng		98
24) Nitrobenzene	7.457	77	439172	40.828	ng		99
25) Isophorone	7.692	82	784864	42.865	ng		99
26) 2-Nitrophenol	7.769	139	212465	44.510	ng		97
27) 2,4-Dimethylphenol	7.810	122	323362	52.913	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	483206	43.038	ng		100
29) 2,4-Dichlorophenol	8.016	162	336733	44.585	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	349063	41.513	ng		99
31) Naphthalene	8.175	128	1148948	42.076	ng		100
32) Benzoic acid	7.940	122	220343	40.976	ng		98
33) 4-Chloroaniline	8.228	127	176251	18.560	ng		97
34) Hexachlorobutadiene	8.292	225	226303	42.241	ng		99
35) Caprolactam	8.592	113	105467m	42.015	ng		
36) 4-Chloro-3-methylphenol	8.716	107	363503	43.431	ng		100
37) 2-Methylnaphthalene	8.869	142	755401	43.142	ng		100
38) 1-Methylnaphthalene	8.969	142	699464	40.794	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	353361	42.790	ng		98
41) Hexachlorocyclopentadiene	9.022	237	358651	169.155	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	240223	44.327	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	250197	42.226	ng	97
46) 1,1'-Biphenyl	9.334	154	938022	43.177	ng	99
47) 2-Chloronaphthalene	9.357	162	697750	42.162	ng	99
48) 2-Nitroaniline	9.457	65	236918	43.167	ng	99
49) Acenaphthylene	9.775	152	1146157	45.775	ng	100
50) Dimethylphthalate	9.634	163	863967	44.387	ng	100
51) 2,6-Dinitrotoluene	9.698	165	185354	41.770	ng	98
52) Acenaphthene	9.945	154	821806m	48.594	ng	
53) 3-Nitroaniline	9.869	138	119155	25.569	ng	100
54) 2,4-Dinitrophenol	9.981	184	201653	88.123	ng	98
55) Dibenzofuran	10.122	168	1040656	43.468	ng	100
56) 4-Nitrophenol	10.045	139	267843	78.796	ng	98
57) 2,4-Dinitrotoluene	10.104	165	251807	43.117	ng	99
58) Fluorene	10.463	166	814274	43.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	211430	45.193	ng	99
60) Diethylphthalate	10.334	149	863171	43.368	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	404884	43.363	ng	99
62) 4-Nitroaniline	10.486	138	192989	40.502	ng	99
63) Azobenzene	10.610	77	853856	43.418	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	141693	47.802	ng	95
66) n-Nitrosodiphenylamine	10.575	169	711838	44.718	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	242884	44.103	ng	97
68) Hexachlorobenzene	11.010	284	273460	44.132	ng	99
69) Atrazine	11.098	200	240457	49.928	ng	99
70) Pentachlorophenol	11.210	266	271329	81.290	ng	98
71) Phenanthrene	11.428	178	1153760	44.580	ng	100
72) Anthracene	11.480	178	1186603	46.782	ng	99
73) Carbazole	11.633	167	1073905	42.879	ng	100
74) Di-n-butylphthalate	11.957	149	1317109	43.817	ng	100
75) Fluoranthene	12.616	202	1223922	42.152	ng	100
77) Benzidine	12.739	184	308215	27.321	ng	99
78) Pyrene	12.845	202	1232949	49.039	ng	99
80) Butylbenzylphthalate	13.457	149	483921	50.104	ng	98
81) Benzo(a)anthracene	14.039	228	902781	46.733	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	165597	26.969	ng	99
83) Chrysene	14.080	228	770739	43.727	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	621036	48.173	ng	100
85) Di-n-octyl phthalate	14.657	149	814783	44.875	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	831320	50.723	ng	100
88) Benzo(b)fluoranthene	15.116	252	718346	41.389	ng	100
89) Benzo(k)fluoranthene	15.145	252	621683	43.847	ng	99
90) Benzo(a)pyrene	15.492	252	647623	48.051	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	684678	50.539	ng	100
92) Benzo(g,h,i)perylene	17.521	276	632716	45.684	ng	99

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

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