Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
Data File : BF138693.D
Acq On : 31 Jul 2024 10:00
Operator : RC/JU
Sample : PB162290BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 31 11:10:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162290BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
08/01/2024
Supervised By :mohammad ahmed
08/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	87633	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	366314	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	202367	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	350823	20.000	ng		0.00
76) Chrysene-d12	14.010	240	171807	20.000	ng		0.00
86) Perylene-d12	15.468	264	168029	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	692669	122.013	ng		0.01
7) Phenol-d6	6.487	99	938433	123.122	ng		0.00
23) Nitrobenzene-d5	7.410	82	614620	82.032	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	219182	132.224	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1070769	79.500	ng		0.00
79) Terphenyl-d14	12.951	244	1063623	103.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.711	88	89445	35.988	ng		99
3) Pyridine	3.458	79	232490	38.615	ng		97
4) n-Nitrosodimethylamine	3.422	42	170469	47.539	ng		99
6) Aniline	6.510	93	242355	35.654	ng	#	70
8) 2-Chlorophenol	6.634	128	284107	47.567	ng		98
9) Benzaldehyde	6.398	77	16253	3.557	ng		93
10) Phenol	6.504	94	370151	46.125	ng		91
11) bis(2-Chloroethyl)ether	6.587	93	281052	45.511	ng		98
12) 1,3-Dichlorobenzene	6.787	146	287599	43.016	ng		100
13) 1,4-Dichlorobenzene	6.863	146	292756	43.389	ng		99
14) 1,2-Dichlorobenzene	7.016	146	279908	44.389	ng		99
15) Benzyl Alcohol	6.993	79	264162	48.086	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	482753	45.424	ng		82
17) 2-Methylphenol	7.104	107	225693	45.761	ng		94
18) Hexachloroethane	7.351	117	110187	43.384	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	215166	46.740	ng		97
20) 3+4-Methylphenols	7.257	107	286685	45.304	ng	#	89
22) Acetophenone	7.257	105	368409	41.075	ng		97
24) Nitrobenzene	7.434	77	321722	42.198	ng		98
25) Isophorone	7.669	82	585536	45.768	ng		99
26) 2-Nitrophenol	7.745	139	154729	47.172	ng		99
27) 2,4-Dimethylphenol	7.787	122	198968m	50.698	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	348182	44.691	ng		99
29) 2,4-Dichlorophenol	7.992	162	233553	46.312	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	250300	43.009	ng		99
31) Naphthalene	8.151	128	838145	43.469	ng		100
32) Benzoic acid	7.928	122	124913	40.491	ng		98
33) 4-Chloroaniline	8.198	127	181466	28.037	ng		98
34) Hexachlorobutadiene	8.263	225	145905	41.391	ng		98
35) Caprolactam	8.581	113	71018m	47.195	ng		
36) 4-Chloro-3-methylphenol	8.687	107	269190	46.707	ng		99
37) 2-Methylnaphthalene	8.839	142	540297	44.369	ng		100
38) 1-Methylnaphthalene	8.940	142	498358	41.764	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	225309	40.080	ng		99
41) Hexachlorocyclopentadiene	8.987	237	196503	127.531	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	153145	44.681	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	163145	43.540	ng	98
46) 1,1'-Biphenyl	9.304	154	635397	40.090	ng	99
47) 2-Chloronaphthalene	9.328	162	502684	42.646	ng	99
48) 2-Nitroaniline	9.428	65	185032	46.303	ng	98
49) Acenaphthylene	9.745	152	795663	47.593	ng	99
50) Dimethylphthalate	9.610	163	611969	47.294	ng	100
51) 2,6-Dinitrotoluene	9.675	165	135898	46.537	ng	99
52) Acenaphthene	9.916	154	484494	43.111	ng	99
53) 3-Nitroaniline	9.839	138	90907	30.113	ng	98
54) 2,4-Dinitrophenol	9.957	184	135537	100.825	ng	95
55) Dibenzofuran	10.092	168	709243	44.708	ng	100
56) 4-Nitrophenol	10.016	139	183626	101.149	ng	99
57) 2,4-Dinitrotoluene	10.081	165	175787	47.182	ng	92
58) Fluorene	10.434	166	567430	44.916	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	141660	49.451	ng	99
60) Diethylphthalate	10.310	149	593177	48.348	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	274930	44.250	ng	98
62) 4-Nitroaniline	10.463	138	134270	46.802	ng	100
63) Azobenzene	10.581	77	637914	46.880	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	103353	48.289	ng	99
66) n-Nitrosodiphenylamine	10.545	169	493568	45.009	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	166243	43.768	ng	98
68) Hexachlorobenzene	10.981	284	171916	43.836	ng	96
69) Atrazine	11.075	200	146756	51.871	ng	99
70) Pentachlorophenol	11.181	266	164528	93.074	ng	98
71) Phenanthrene	11.398	178	813136	45.013	ng	99
72) Anthracene	11.445	178	834677	46.902	ng	100
73) Carbazole	11.604	167	706238	45.998	ng	99
74) Di-n-butylphthalate	11.928	149	885453	51.301	ng	100
75) Fluoranthene	12.580	202	788114	46.732	ng	100
77) Benzidine	12.704	184	104466	25.422	ng	99
78) Pyrene	12.810	202	772342	47.746	ng	99
80) Butylbenzylphthalate	13.422	149	259314	50.060	ng	99
81) Benzo(a)anthracene	13.998	228	545725	46.127	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	110908	36.632	ng	98
83) Chrysene	14.033	228	505025	47.314	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	319300	42.094	ng	100
85) Di-n-octyl phthalate	14.592	149	559678	39.880	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	559867	46.495	ng	99
88) Benzo(b)fluoranthene	15.045	252	475693	45.669	ng	99
89) Benzo(k)fluoranthene	15.074	252	459824	50.987	ng	100
90) Benzo(a)pyrene	15.410	252	439137	50.121	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	451794	45.707	ng	100
92) Benzo(g,h,i)perylene	17.386	276	432264	42.142	ng	99

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

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