Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140058.D
Acq On : 26 Oct 2024 14:27
Operator : RC/JU
Sample : P4547-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-20MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:07:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	142054	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	561979	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	322249	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	559748	20.000	ng		0.00
76) Chrysene-d12	14.051	240	268566	20.000	ng		0.00
86) Perylene-d12	15.527	264	301700	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	824345	90.846	ng		0.02
7) Phenol-d6	6.516	99	1080454	91.935	ng		0.00
23) Nitrobenzene-d5	7.451	82	674216	66.493	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	328432	108.961	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1200203	61.554	ng		0.00
79) Terphenyl-d14	12.998	244	1160835	70.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	156835	37.070	ng		94
3) Pyridine	3.534	79	402011	38.335	ng		96
4) n-Nitrosodimethylamine	3.487	42	219761	39.004	ng		100
6) Aniline	6.551	93	276260	25.222	ng		99
8) 2-Chlorophenol	6.675	128	408038	43.986	ng		97
9) Benzaldehyde	6.440	77	81061	12.261	ng		95
10) Phenol	6.528	94	517107m	42.679	ng		
11) bis(2-Chloroethyl)ether	6.622	93	394709	42.148	ng		100
12) 1,3-Dichlorobenzene	6.834	146	437639	41.098	ng		99
13) 1,4-Dichlorobenzene	6.910	146	445597	41.885	ng		99
14) 1,2-Dichlorobenzene	7.057	146	419551	42.255	ng		100
15) Benzyl Alcohol	7.028	79	378462	43.901	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	637762	39.939	ng		97
17) 2-Methylphenol	7.140	107	339920	42.973	ng		99
18) Hexachloroethane	7.404	117	159492	42.041	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	296701	41.626	ng		96
20) 3+4-Methylphenols	7.292	107	421761	41.686	ng	#	79
22) Acetophenone	7.298	105	556712	40.445	ng		99
24) Nitrobenzene	7.469	77	453576	40.800	ng		100
25) Isophorone	7.710	82	822671	42.747	ng		99
26) 2-Nitrophenol	7.787	139	216809	51.695	ng		97
27) 2,4-Dimethylphenol	7.822	122	340561	48.698	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	489036	41.941	ng		99
29) 2,4-Dichlorophenol	8.028	162	342180	42.958	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	355931	40.383	ng		99
31) Naphthalene	8.192	128	1193530	41.180	ng		100
32) Benzoic acid	7.934	122	238740	39.141	ng		98
33) 4-Chloroaniline	8.234	127	70818	7.166	ng		99
34) Hexachlorobutadiene	8.310	225	237240	42.839	ng		97
35) Caprolactam	8.616	113	110070m	43.459	ng		
36) 4-Chloro-3-methylphenol	8.722	107	382812	43.402	ng		97
37) 2-Methylnaphthalene	8.886	142	755092	42.539	ng		99
38) 1-Methylnaphthalene	8.986	142	711197	40.837	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	361413	41.571	ng		99
41) Hexachlorocyclopentadiene	9.039	237	402242	132.972	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	267400	43.444	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	271347	42.729	ng		98
46) 1,1'-Biphenyl	9.351	154	924197	41.198	ng		99
47) 2-Chloronaphthalene	9.375	162	737377	40.811	ng		99
48) 2-Nitroaniline	9.469	65	252803	45.748	ng		93
49) Acenaphthylene	9.792	152	1155795	44.248	ng		99
50) Dimethylphthalate	9.651	163	865826	43.136	ng		100
51) 2,6-Dinitrotoluene	9.710	165	192511	44.296	ng		98
52) Acenaphthene	9.963	154	791831	46.861	ng		99
53) 3-Nitroaniline	9.875	138	87805	19.591	ng		96
54) 2,4-Dinitrophenol	9.986	184	190676	103.509	ng	#	1
55) Dibenzofuran	10.133	168	1024437	42.255	ng		99
56) 4-Nitrophenol	10.033	139	294610	85.441	ng		98
57) 2,4-Dinitrotoluene	10.116	165	259324	48.522	ng		96
58) Fluorene	10.480	166	763576	41.351	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	222301	44.654	ng		97
60) Diethylphthalate	10.351	149	848877	43.073	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	394137	42.266	ng		99
62) 4-Nitroaniline	10.492	138	185680	43.866	ng		97
63) Azobenzene	10.628	77	943502	45.157	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	133632	58.529	ng		92
66) n-Nitrosodiphenylamine	10.586	169	719231	42.931	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	255438	44.297	ng		97
68) Hexachlorobenzene	11.022	284	278683	42.971	ng		99
69) Atrazine	11.110	200	234785	51.736	ng		99
70) Pentachlorophenol	11.216	266	319223	81.104	ng		99
71) Phenanthrene	11.439	178	1107932	41.903	ng		100
72) Anthracene	11.492	178	1122946	43.530	ng		100
73) Carbazole	11.645	167	949310	39.568	ng		99
74) Di-n-butylphthalate	11.975	149	1231008	44.411	ng		100
75) Fluoranthene	12.627	202	1025877	38.381	ng		99
77) Benzidine	12.745	184	244595	55.387	ng		99
78) Pyrene	12.857	202	999723	42.526	ng		100
80) Butylbenzylphthalate	13.469	149	394890	56.030	ng		100
81) Benzo(a)anthracene	14.039	228	783816	44.834	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	117434	23.038	ng		98
83) Chrysene	14.080	228	674804	42.097	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	503026	63.615	ng		99
85) Di-n-octyl phthalate	14.645	149	801243	55.709	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	747072	38.491	ng		98
88) Benzo(b)fluoranthene	15.098	252	730351	39.740	ng		99
89) Benzo(k)fluoranthene	15.127	252	718601	45.338	ng		99
90) Benzo(a)pyrene	15.468	252	704184	46.566	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	623175	38.488	ng		98
92) Benzo(g,h,i)perylene	17.480	276	516906	31.961	ng		98

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

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