Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139902.D
Acq On : 21 Oct 2024 14:47
Operator : RC/JU
Sample : P4385-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 15:12:12 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	6.892	152	159111	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	617785	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	335465	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	563658	20.000	ng	0.00
76) Chrysene-d12	14.057	240	294671	20.000	ng	0.00
86) Perylene-d12	15.533	264	343985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1171257	115.240	ng	0.02
7) Phenol-d6	6.510	99	1490047	113.195	ng	0.00
23) Nitrobenzene-d5	7.451	82	959444	86.075	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	383460	122.205	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1686713	83.097	ng	0.00
79) Terphenyl-d14	12.998	244	1523495	84.247	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	221440	46.729	ng	96
3) Pyridine	3.516	79	561250	47.782	ng	98
4) n-Nitrosodimethylamine	3.469	42	318557	50.478	ng	100
6) Aniline	6.551	93	352627	28.743	ng	98
8) 2-Chlorophenol	6.675	128	549901	52.924	ng	97
9) Benzaldehyde	6.439	77	159810	21.581	ng	98
10) Phenol	6.528	94	713784m	52.596	ng	
11) bis(2-Chloroethyl)ether	6.622	93	538820	51.368	ng	99
12) 1,3-Dichlorobenzene	6.834	146	586155	49.144	ng	98
13) 1,4-Dichlorobenzene	6.910	146	591283	49.620	ng	99
14) 1,2-Dichlorobenzene	7.057	146	563692	50.686	ng	100
15) Benzyl Alcohol	7.028	79	515039	53.339	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	918919	51.377	ng	99
17) 2-Methylphenol	7.134	107	464117	52.384	ng	99
18) Hexachloroethane	7.404	117	211189	49.700	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	403123	50.493	ng	98
20) 3+4-Methylphenols	7.286	107	564183	49.785	ng	93
22) Acetophenone	7.298	105	748474	49.464	ng	98
24) Nitrobenzene	7.469	77	600690	49.152	ng	100
25) Isophorone	7.710	82	1084795	51.275	ng	99
26) 2-Nitrophenol	7.786	139	274244	59.483	ng	96
27) 2,4-Dimethylphenol	7.816	122	443149	57.644	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	644352	50.270	ng	100
29) 2,4-Dichlorophenol	8.022	162	450559	51.454	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	474048	48.926	ng	99
31) Naphthalene	8.192	128	1574222	49.408	ng	100
32) Benzoic acid	7.928	122	344178	51.330	ng	97
33) 4-Chloroaniline	8.239	127	113169	10.416	ng	97
34) Hexachlorobutadiene	8.310	225	299094	49.130	ng	98
35) Caprolactam	8.610	113	147894m	53.118	ng	
36) 4-Chloro-3-methylphenol	8.716	107	489084	50.442	ng	98
37) 2-Methylnaphthalene	8.886	142	993862	50.932	ng	100
38) 1-Methylnaphthalene	8.986	142	914744	47.780	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	456013	50.386	ng	99
41) Hexachlorocyclopentadiene	9.039	237	482538	153.232	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	351206	54.811	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	331813	50.192	ng		99
46) 1,1'-Biphenyl	9.351	154	1169824	50.093	ng		99
47) 2-Chloronaphthalene	9.375	162	937179	49.826	ng		100
48) 2-Nitroaniline	9.469	65	317397	55.174	ng		94
49) Acenaphthylene	9.792	152	1451414	53.376	ng		99
50) Dimethylphthalate	9.651	163	1096069	52.455	ng		100
51) 2,6-Dinitrotoluene	9.710	165	241717	53.427	ng		96
52) Acenaphthene	9.963	154	981249	55.783	ng		99
53) 3-Nitroaniline	9.875	138	142253	30.490	ng		98
54) 2,4-Dinitrophenol	9.980	184	228598	118.216	ng	#	1
55) Dibenzofuran	10.133	168	1282825	50.828	ng		100
56) 4-Nitrophenol	10.027	139	369013	102.803	ng		98
57) 2,4-Dinitrotoluene	10.110	165	317511	57.069	ng		99
58) Fluorene	10.480	166	945689	49.196	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	274981	53.060	ng		97
60) Diethylphthalate	10.351	149	1044323	50.902	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	476833	49.119	ng		100
62) 4-Nitroaniline	10.492	138	220141	49.958	ng		96
63) Azobenzene	10.633	77	1295113	59.544	ng		88
65) 4,6-Dinitro-2-methylph...	10.516	198	155932	67.822	ng		97
66) n-Nitrosodiphenylamine	10.586	169	876750	51.971	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	305519	52.615	ng		95
68) Hexachlorobenzene	11.022	284	334639	51.241	ng		99
69) Atrazine	11.110	200	283543	62.046	ng		99
70) Pentachlorophenol	11.216	266	385813	97.342	ng		99
71) Phenanthrene	11.439	178	1372291	51.542	ng		100
72) Anthracene	11.492	178	1324889	51.002	ng		99
73) Carbazole	11.645	167	1162810	48.130	ng		99
74) Di-n-butylphthalate	11.974	149	1448476	51.894	ng		100
75) Fluoranthene	12.627	202	1268974	47.146	ng		99
77) Benzidine	12.745	184	126669	26.142	ng		99
78) Pyrene	12.857	202	1267349	49.134	ng		99
80) Butylbenzylphthalate	13.474	149	488917	63.225	ng		100
81) Benzo(a)anthracene	14.045	228	1018819	53.113	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	153603	27.464	ng		98
83) Chrysene	14.080	228	937944	53.330	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	604165	69.637	ng		99
85) Di-n-octyl phthalate	14.651	149	1020553	64.672	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1051652	47.523	ng		99
88) Benzo(b)fluoranthene	15.098	252	1122393	53.564	ng		99
89) Benzo(k)fluoranthene	15.127	252	868103	48.038	ng		100
90) Benzo(a)pyrene	15.468	252	962363	55.816	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	864311	46.818	ng		99
92) Benzo(g,h,i)perylene	17.480	276	766144	41.548	ng		100

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

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