Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139925.D
Acq On : 22 Oct 2024 13:31
Operator : RC/JU
Sample : PB164246BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164246BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 14:02:02 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	164776	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	634121	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	351756	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	613564	20.000	ng		0.00
76) Chrysene-d12	14.057	240	286399	20.000	ng		0.00
86) Perylene-d12	15.533	264	336781	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1346117	127.891	ng		0.02
7) Phenol-d6	6.516	99	1692562	124.159	ng		0.00
23) Nitrobenzene-d5	7.451	82	1084945	94.827	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	495065	150.466	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1912758	89.869	ng		0.00
79) Terphenyl-d14	12.998	244	1884717	107.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	177603	36.190	ng		97
3) Pyridine	3.510	79	475539	39.093	ng		98
4) n-Nitrosodimethylamine	3.463	42	280037	42.848	ng		97
6) Aniline	6.551	93	525661	41.374	ng		98
8) 2-Chlorophenol	6.675	128	518826	48.217	ng		98
9) Benzaldehyde	6.440	77	122368	15.956	ng		97
10) Phenol	6.528	94	648795m	46.164	ng		
11) bis(2-Chloroethyl)ether	6.628	93	495871	45.648	ng		99
12) 1,3-Dichlorobenzene	6.834	146	547104	44.293	ng		99
13) 1,4-Dichlorobenzene	6.910	146	557161	45.149	ng		99
14) 1,2-Dichlorobenzene	7.063	146	530371	46.050	ng		98
15) Benzyl Alcohol	7.028	79	474796	47.481	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	849359	45.855	ng		99
17) 2-Methylphenol	7.140	107	431904	47.072	ng		98
18) Hexachloroethane	7.404	117	200604	45.586	ng		98
19) n-Nitroso-di-n-propyla...	7.304	70	373013	45.116	ng		98
20) 3+4-Methylphenols	7.292	107	521856	44.467	ng	#	83
22) Acetophenone	7.298	105	693686	44.663	ng		99
24) Nitrobenzene	7.475	77	560311	44.667	ng		99
25) Isophorone	7.710	82	1021354	47.033	ng		100
26) 2-Nitrophenol	7.787	139	263560	55.693	ng		98
27) 2,4-Dimethylphenol	7.822	122	430432	54.547	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	609776	46.347	ng		100
29) 2,4-Dichlorophenol	8.028	162	427693	47.585	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	445869	44.832	ng		100
31) Naphthalene	8.198	128	1481784	45.309	ng		100
32) Benzoic acid	7.934	122	325703	47.324	ng		97
33) 4-Chloroaniline	8.239	127	191361	17.160	ng		98
34) Hexachlorobutadiene	8.310	225	289557	46.338	ng		98
35) Caprolactam	8.610	113	138085m	48.317	ng		
36) 4-Chloro-3-methylphenol	8.716	107	464382	46.661	ng		98
37) 2-Methylnaphthalene	8.886	142	935671	46.715	ng		100
38) 1-Methylnaphthalene	8.986	142	864778	44.007	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	436448	45.991	ng		99
41) Hexachlorocyclopentadiene	9.039	237	596311	180.591	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	328872	48.949	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	331426	47.812	ng		97
46) 1,1'-Biphenyl	9.351	154	1119634	45.723	ng		99
47) 2-Chloronaphthalene	9.375	162	888242	45.037	ng		100
48) 2-Nitroaniline	9.469	65	308595	51.160	ng		94
49) Acenaphthylene	9.792	152	1398381	49.044	ng		99
50) Dimethylphthalate	9.651	163	1051428	47.988	ng		100
51) 2,6-Dinitrotoluene	9.710	165	233458	49.211	ng		99
52) Acenaphthene	9.963	154	963445	52.234	ng		100
53) 3-Nitroaniline	9.875	138	142095	29.045	ng		97
54) 2,4-Dinitrophenol	9.986	184	245840	121.077	ng	#	1
55) Dibenzofuran	10.139	168	1240171	46.863	ng		98
56) 4-Nitrophenol	10.033	139	389275	103.425	ng		99
57) 2,4-Dinitrotoluene	10.116	165	315296	54.046	ng		97
58) Fluorene	10.480	166	938243	46.548	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	276807	50.939	ng		98
60) Diethylphthalate	10.351	149	1011556	47.022	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	476489	46.811	ng		99
62) 4-Nitroaniline	10.498	138	229127	49.589	ng		95
63) Azobenzene	10.633	77	1051515	46.105	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	167938	67.103	ng		92
66) n-Nitrosodiphenylamine	10.592	169	871477	47.456	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	307318	48.620	ng		95
68) Hexachlorobenzene	11.028	284	342097	48.123	ng		97
69) Atrazine	11.116	200	276980	55.680	ng		98
70) Pentachlorophenol	11.216	266	422111	97.837	ng		99
71) Phenanthrene	11.445	178	1380906	47.647	ng		100
72) Anthracene	11.492	178	1390606	49.177	ng		99
73) Carbazole	11.645	167	1200379	45.644	ng		100
74) Di-n-butylphthalate	11.975	149	1403776	46.202	ng		100
75) Fluoranthene	12.627	202	1337063	45.636	ng		100
77) Benzidine	12.745	184	243808	51.771	ng		98
78) Pyrene	12.857	202	1331365	53.107	ng		99
80) Butylbenzylphthalate	13.474	149	397744	52.921	ng		99
81) Benzo(a)anthracene	14.045	228	921614	49.433	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	176158	32.407	ng		100
83) Chrysene	14.080	228	852263	49.858	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	474952	56.325	ng		99
85) Di-n-octyl phthalate	14.651	149	881578	57.478	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1210782	55.884	ng		98
88) Benzo(b)fluoranthene	15.098	252	987410	48.131	ng		100
89) Benzo(k)fluoranthene	15.127	252	798092	45.109	ng		99
90) Benzo(a)pyrene	15.474	252	891992	52.841	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	988202	54.675	ng		98
92) Benzo(g,h,i)perylene	17.492	276	930646	51.548	ng		99

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

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