Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
Data File : BF141232.D
Acq On : 21 Jan 2025 13:36
Operator : RC/JU
Sample : Q1123-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-1172025MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

Quant Time: Jan 21 14:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	154688	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	598780	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	300108	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	434901	20.000	ng		-0.01
76) Chrysene-d12	13.980	240	338185	20.000	ng		0.00
86) Perylene-d12	15.445	264	363862	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	982346	98.103	ng		0.00
7) Phenol-d6	6.439	99	1234408	97.319	ng		0.00
23) Nitrobenzene-d5	7.369	82	800759	70.889	ng		-0.02
42) 2,4,6-Tribromophenol	10.633	330	354647	103.712	ng		-0.02
45) 2-Fluorobiphenyl	9.163	172	1459915	74.285	ng		-0.02
79) Terphenyl-d14	12.916	244	1314581	57.775	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	190497	42.721	ng		99
3) Pyridine	3.322	79	472923	43.249	ng		96
4) n-Nitrosodimethylamine	3.275	42	247400	46.271	ng		99
6) Aniline	6.469	93	297752	26.440	ng	#	87
8) 2-Chlorophenol	6.592	128	535736	49.867	ng		96
9) Benzaldehyde	6.351	77	62113	8.314	ng		98
10) Phenol	6.451	94	647119	47.660	ng		96
11) bis(2-Chloroethyl)ether	6.539	93	514527	50.848	ng		97
12) 1,3-Dichlorobenzene	6.745	146	561903	46.896	ng		99
13) 1,4-Dichlorobenzene	6.822	146	565612	46.844	ng		100
14) 1,2-Dichlorobenzene	6.975	146	539788	47.926	ng		98
15) Benzyl Alcohol	6.945	79	460793	50.304	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	675845	47.863	ng		94
17) 2-Methylphenol	7.063	107	423015	48.771	ng		98
18) Hexachloroethane	7.316	117	212384	48.640	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	360382	48.232	ng		97
20) 3+4-Methylphenols	7.216	107	520863	47.600	ng	#	80
22) Acetophenone	7.216	105	693077	48.690	ng		97
24) Nitrobenzene	7.386	77	551110	46.812	ng		99
25) Isophorone	7.628	82	980748	50.805	ng		99
26) 2-Nitrophenol	7.704	139	283686	52.973	ng		99
27) 2,4-Dimethylphenol	7.739	122	430898	59.653	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	605460	49.976	ng		99
29) 2,4-Dichlorophenol	7.945	162	430280	50.155	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	459856	46.894	ng		99
31) Naphthalene	8.110	128	1559668	49.392	ng		99
32) Benzoic acid	7.857	122	280435	40.471	ng		99
33) 4-Chloroaniline	8.157	127	172107	15.760	ng		99
34) Hexachlorobutadiene	8.228	225	290512	49.166	ng		100
35) Caprolactam	8.522	113	127909m	45.540	ng		
36) 4-Chloro-3-methylphenol	8.645	107	454783	48.471	ng		99
37) 2-Methylnaphthalene	8.798	142	1003276	49.859	ng		100
38) 1-Methylnaphthalene	8.898	142	924783	46.633	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	450648	52.318	ng		99
41) Hexachlorocyclopentadiene	8.951	237	409638	145.359	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	305031	52.506	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	303295	49.433	ng	99
46) 1,1'-Biphenyl	9.263	154	1217226	52.227	ng	100
47) 2-Chloronaphthalene	9.292	162	887340	48.882	ng	99
48) 2-Nitroaniline	9.386	65	270096	50.194	ng	98
49) Acenaphthylene	9.704	152	1368375	52.762	ng	99
50) Dimethylphthalate	9.569	163	1069685	53.093	ng	100
51) 2,6-Dinitrotoluene	9.627	165	231810	49.477	ng	98
52) Acenaphthene	9.880	154	966969	53.366	ng	100
53) 3-Nitroaniline	9.792	138	142004	29.826	ng	99
54) 2,4-Dinitrophenol	9.904	184	171768	77.131	ng	96
55) Dibenzofuran	10.051	168	1241157	50.359	ng	99
56) 4-Nitrophenol	9.963	139	345331	92.612	ng	98
57) 2,4-Dinitrotoluene	10.033	165	299173	49.549	ng	99
58) Fluorene	10.392	166	957019	49.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	249426	48.908	ng	99
60) Diethylphthalate	10.269	149	1036001	52.672	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	464711	49.796	ng	98
62) 4-Nitroaniline	10.410	138	196763	42.224	ng	97
63) Azobenzene	10.545	77	987610	50.887	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	122525	48.619	ng	96
66) n-Nitrosodiphenylamine	10.504	169	824154	58.753	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	290208	57.960	ng	99
68) Hexachlorobenzene	10.939	284	304539	54.638	ng	99
69) Atrazine	11.033	200	269530	71.361	ng	99
70) Pentachlorophenol	11.133	266	351273	98.411	ng	99
71) Phenanthrene	11.357	178	1521675	65.172	ng	100
72) Anthracene	11.410	178	1329797	58.574	ng	100
73) Carbazole	11.563	167	1085295	52.135	ng	100
74) Di-n-butylphthalate	11.898	149	1412800	59.303	ng	100
75) Fluoranthene	12.545	202	1539807	66.087	ng	99
77) Benzidine	12.668	184	350465	55.883	ng	98
78) Pyrene	12.774	202	1543415	47.782	ng	99
80) Butylbenzylphthalate	13.398	149	539349	50.082	ng	97
81) Benzo(a)anthracene	13.968	228	1334781	57.995	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	230663	31.475	ng	99
83) Chrysene	14.004	228	1195578	55.517	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	733342	56.753	ng	99
85) Di-n-octyl phthalate	14.592	149	1319794	67.638	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1115216	41.835	ng	98
88) Benzo(b)fluoranthene	15.027	252	1441840	61.452	ng	99
89) Benzo(k)fluoranthene	15.051	252	1120830	56.527	ng	99
90) Benzo(a)pyrene	15.386	252	1203772	62.184	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	885501	41.070	ng	99
92) Benzo(g,h,i)perylene	17.333	276	802209	35.771	ng	99

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

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