Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141490.D
Acq On : 06 Feb 2025 19:45
Operator : RC/JU
Sample : Q1309-13MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 07 01:54:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96141	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	384601	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	213024	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	361178	20.000	ng	0.00
76) Chrysene-d12	13.957	240	227491	20.000	ng	0.00
86) Perylene-d12	15.404	264	199080	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	574098	93.616	ng	0.00
7) Phenol-d6	6.428	99	718592	92.711	ng	-0.01
23) Nitrobenzene-d5	7.351	82	477699	64.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	204242	95.444	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	878009	63.500	ng	0.00
79) Terphenyl-d14	12.898	244	964201	71.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	107661	43.620	ng	99
3) Pyridine	3.299	79	248727	42.349	ng	99
4) n-Nitrosodimethylamine	3.257	42	166228	42.743	ng	97
6) Aniline	6.451	93	356182	48.989	ng	91
8) 2-Chlorophenol	6.575	128	285057	43.019	ng	99
9) Benzaldehyde	6.340	77	177485	43.091	ng	99
10) Phenol	6.445	94	351997	43.633	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	257342	42.470	ng	100
12) 1,3-Dichlorobenzene	6.728	146	296871	42.437	ng	98
13) 1,4-Dichlorobenzene	6.804	146	302629	42.341	ng	99
14) 1,2-Dichlorobenzene	6.957	146	286424	43.177	ng	99
15) Benzyl Alcohol	6.934	79	251726	42.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	451508	43.530	ng	89
17) 2-Methylphenol	7.051	107	223320	43.066	ng	98
18) Hexachloroethane	7.298	117	114803	43.401	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	198049	42.717	ng	99
20) 3+4-Methylphenols	7.204	107	281506	42.717	ng	97
22) Acetophenone	7.198	105	437233	45.701	ng	99
24) Nitrobenzene	7.375	77	301229	41.894	ng	100
25) Isophorone	7.610	82	538626	45.812	ng	100
26) 2-Nitrophenol	7.687	139	148809	41.598	ng	99
27) 2,4-Dimethylphenol	7.728	122	226225	54.133	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	325897	43.258	ng	100
29) 2,4-Dichlorophenol	7.934	162	233945	41.432	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	256023	41.637	ng	99
31) Naphthalene	8.092	128	815974	40.758	ng	100
32) Benzoic acid	7.863	122	191170	44.040	ng	99
33) 4-Chloroaniline	8.145	127	294936	42.196	ng	98
34) Hexachlorobutadiene	8.210	225	160490	43.477	ng	98
35) Caprolactam	8.516	113	82198m	47.812	ng	
36) 4-Chloro-3-methylphenol	8.634	107	260820	41.700	ng	100
37) 2-Methylnaphthalene	8.781	142	520026	39.917	ng	100
38) 1-Methylnaphthalene	8.881	142	505697	40.079	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	281089	45.609	ng	98
41) Hexachlorocyclopentadiene	8.939	237	309064	150.772	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	168603	42.328	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	180339	41.775	ng	100
46) 1,1'-Biphenyl	9.251	154	750217	45.425	ng	99
47) 2-Chloronaphthalene	9.275	162	510842	41.829	ng	99
48) 2-Nitroaniline	9.375	65	173747	42.392	ng	97
49) Acenaphthylene	9.686	152	791097	43.551	ng	100
50) Dimethylphthalate	9.551	163	608654	42.087	ng	99
51) 2,6-Dinitrotoluene	9.616	165	133626	42.268	ng	100
52) Acenaphthene	9.863	154	498298	40.804	ng	98
53) 3-Nitroaniline	9.786	138	126688	37.232	ng	99
54) 2,4-Dinitrophenol	9.898	184	173535	92.359	ng	95
55) Dibenzofuran	10.033	168	722136	40.286	ng	100
56) 4-Nitrophenol	9.963	139	228895	90.620	ng	98
57) 2,4-Dinitrotoluene	10.022	165	182424	43.345	ng	99
58) Fluorene	10.375	166	569890	41.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154212	41.493	ng	97
60) Diethylphthalate	10.251	149	593234	41.693	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	275499	41.318	ng	99
62) 4-Nitroaniline	10.404	138	146192	42.312	ng	99
63) Azobenzene	10.528	77	627155	44.338	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	108238	43.141	ng	97
66) n-Nitrosodiphenylamine	10.492	169	503827	43.577	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	172984	42.853	ng	96
68) Hexachlorobenzene	10.922	284	181753	43.726	ng	96
69) Atrazine	11.022	200	189594	54.661	ng	98
70) Pentachlorophenol	11.122	266	231289	87.021	ng	99
71) Phenanthrene	11.339	178	846015	42.553	ng	100
72) Anthracene	11.392	178	876117	43.838	ng	100
73) Carbazole	11.545	167	757574	42.128	ng	100
74) Di-n-butylphthalate	11.880	149	921991	44.403	ng	100
75) Fluoranthene	12.527	202	871205	41.332	ng	100
77) Benzidine	12.657	184	650638	129.682	ng	99
78) Pyrene	12.757	202	883101	45.601	ng	100
80) Butylbenzylphthalate	13.380	149	358700	53.476	ng	99
81) Benzo(a)anthracene	13.945	228	629263	41.612	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	206023	47.561	ng	98
83) Chrysene	13.986	228	611368	43.785	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	460157	60.825	ng	99
85) Di-n-octyl phthalate	14.557	149	682757	63.263	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	538283	43.759	ng	100
88) Benzo(b)fluoranthene	14.992	252	541455	40.506	ng	99
89) Benzo(k)fluoranthene	15.015	252	477824	41.861	ng	99
90) Benzo(a)pyrene	15.345	252	474884	43.904	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	434154	43.558	ng	99
92) Benzo(g,h,i)perylene	17.286	276	399956	38.345	ng	100

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

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