Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
Data File : BF141491.D
Acq On : 06 Feb 2025 20:11
Operator : RC/JU
Sample : Q1309-13MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Manual Integrations APPROVED

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

Quant Time: Feb 07 01:55:17 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	100627	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	404694	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	224270	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	386018	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237305	20.000	ng	0.00
86) Perylene-d12	15.404	264	204673	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	603100	93.961	ng	0.00
7) Phenol-d6	6.434	99	755653	93.146	ng	0.00
23) Nitrobenzene-d5	7.351	82	507241	65.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219190	97.293	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	940971	64.641	ng	0.00
79) Terphenyl-d14	12.898	244	1027032	73.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	113225	43.829	ng	99
3) Pyridine	3.310	79	263447	42.855	ng	99
4) n-Nitrosodimethylamine	3.263	42	172808	42.454	ng	100
6) Aniline	6.451	93	371906	48.871	ng	94
8) 2-Chlorophenol	6.575	128	302789	43.658	ng	98
9) Benzaldehyde	6.340	77	183550	42.577	ng	99
10) Phenol	6.446	94	369959	43.815	ng	91
11) bis(2-Chloroethyl)ether	6.528	93	271571	42.820	ng	100
12) 1,3-Dichlorobenzene	6.728	146	311702	42.571	ng	99
13) 1,4-Dichlorobenzene	6.804	146	318338	42.553	ng	100
14) 1,2-Dichlorobenzene	6.957	146	301958	43.490	ng	99
15) Benzyl Alcohol	6.934	79	264746	42.556	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	474791	43.734	ng	87
17) 2-Methylphenol	7.051	107	232781	42.889	ng	98
18) Hexachloroethane	7.298	117	121167	43.765	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	212978	43.889	ng	98
20) 3+4-Methylphenols	7.204	107	295428	42.831	ng	97
22) Acetophenone	7.198	105	458481	45.543	ng	100
24) Nitrobenzene	7.375	77	316564	41.841	ng	99
25) Isophorone	7.610	82	570803	46.139	ng	100
26) 2-Nitrophenol	7.687	139	162358	43.132	ng	98
27) 2,4-Dimethylphenol	7.728	122	240172	54.617	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	345530	43.587	ng	100
29) 2,4-Dichlorophenol	7.934	162	248252	41.783	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	271253	41.924	ng	99
31) Naphthalene	8.092	128	870408	41.318	ng	100
32) Benzoic acid	7.869	122	204949	44.870	ng	98
33) 4-Chloroaniline	8.145	127	317287	43.140	ng	99
34) Hexachlorobutadiene	8.210	225	170985	44.020	ng	100
35) Caprolactam	8.516	113	85757m	47.405	ng	
36) 4-Chloro-3-methylphenol	8.634	107	274439	41.699	ng	100
37) 2-Methylnaphthalene	8.787	142	554783	40.471	ng	100
38) 1-Methylnaphthalene	8.881	142	540272	40.693	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	300954	46.383	ng	99
41) Hexachlorocyclopentadiene	8.939	237	331275	153.503	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	179559	42.818	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	189148	41.618	ng	98
46) 1,1'-Biphenyl	9.251	154	803214	46.196	ng	99
47) 2-Chloronaphthalene	9.275	162	542437	42.189	ng	99
48) 2-Nitroaniline	9.375	65	189058	43.815	ng	99
49) Acenaphthylene	9.692	152	842733	44.067	ng	100
50) Dimethylphthalate	9.557	163	644727	42.346	ng	99
51) 2,6-Dinitrotoluene	9.616	165	142809	42.907	ng	98
52) Acenaphthene	9.863	154	529170	41.159	ng	99
53) 3-Nitroaniline	9.786	138	136527	38.112	ng	98
54) 2,4-Dinitrophenol	9.898	184	186614	94.340	ng	96
55) Dibenzofuran	10.034	168	764119	40.491	ng	99
56) 4-Nitrophenol	9.963	139	240203	90.328	ng	100
57) 2,4-Dinitrotoluene	10.022	165	193370	43.642	ng	99
58) Fluorene	10.375	166	611309	41.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	163881	41.883	ng	98
60) Diethylphthalate	10.251	149	641802	42.845	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	294531	41.958	ng	99
62) 4-Nitroaniline	10.404	138	157755	43.369	ng	99
63) Azobenzene	10.528	77	668955	44.921	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	117080	43.662	ng	96
66) n-Nitrosodiphenylamine	10.492	169	532896	43.126	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	182308	42.257	ng	95
68) Hexachlorobenzene	10.928	284	192257	43.277	ng	99
69) Atrazine	11.022	200	202655	54.667	ng	99
70) Pentachlorophenol	11.122	266	247993	87.302	ng	98
71) Phenanthrene	11.339	178	913711	43.001	ng	100
72) Anthracene	11.392	178	937034	43.869	ng	100
73) Carbazole	11.551	167	803520	41.808	ng	100
74) Di-n-butylphthalate	11.880	149	979333	44.130	ng	100
75) Fluoranthene	12.527	202	926396	41.123	ng	100
77) Benzidine	12.657	184	786359	150.252	ng	99
78) Pyrene	12.757	202	935686	46.319	ng	100
80) Butylbenzylphthalate	13.380	149	384930	55.013	ng	99
81) Benzo(a)anthracene	13.945	228	672273	42.618	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	217262	48.081	ng	99
83) Chrysene	13.980	228	633586	43.500	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	502710	63.702	ng	99
85) Di-n-octyl phthalate	14.557	149	738405	65.589	ng	100
87) Indeno(1,2,3-cd)pyrene	16.851	276	559061	44.207	ng	100
88) Benzo(b)fluoranthene	14.986	252	582125	42.359	ng	99
89) Benzo(k)fluoranthene	15.016	252	478977	40.816	ng	99
90) Benzo(a)pyrene	15.345	252	502323	45.172	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	450452	43.958	ng	100
92) Benzo(g,h,i)perylene	17.280	276	414473	38.651	ng	100

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

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