Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142630.D
Acq On : 05 Jun 2025 13:07
Operator : RC/JU
Sample : Q2194-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-13MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/06/2025
Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 13:36:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123357	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	463790	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232069	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	359383	20.000	ng	0.00
76) Chrysene-d12	14.068	240	228816	20.000	ng	0.00
86) Perylene-d12	15.557	264	274428	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	606643	82.853	ng	0.00
7) Phenol-d6	6.528	99	725535	82.317	ng	0.00
23) Nitrobenzene-d5	7.457	82	442951	52.079	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	199475	77.446	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	866115	50.080	ng	-0.01
79) Terphenyl-d14	13.010	244	668267	39.911	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	117333	40.046	ng	97
3) Pyridine	3.493	79	318357	42.668	ng	98
4) n-Nitrosodimethylamine	3.446	42	168553	43.509	ng	89
6) Aniline	6.557	93	422068	35.614	ng	97
8) 2-Chlorophenol	6.681	128	354006	44.389	ng	99
9) Benzaldehyde	6.445	77	186774	35.232	ng	99
10) Phenol	6.539	94	425836	42.938	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	313745	43.948	ng	100
12) 1,3-Dichlorobenzene	6.839	146	384366	43.191	ng	98
13) 1,4-Dichlorobenzene	6.916	146	387280	43.203	ng	98
14) 1,2-Dichlorobenzene	7.063	146	376839	43.933	ng	98
15) Benzyl Alcohol	7.034	79	278195	42.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	518664	43.262	ng	98
17) 2-Methylphenol	7.145	107	266908	42.866	ng	100
18) Hexachloroethane	7.410	117	136975	43.760	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	220986	40.455	ng	99
20) 3+4-Methylphenols	7.298	107	323534	40.575	ng	97
22) Acetophenone	7.304	105	439621	42.819	ng	98
24) Nitrobenzene	7.481	77	336215	43.829	ng	98
25) Isophorone	7.716	82	599610	42.165	ng	98
26) 2-Nitrophenol	7.792	139	192003	46.842	ng	97
27) 2,4-Dimethylphenol	7.833	122	308954	42.741	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	385605	43.408	ng	99
29) 2,4-Dichlorophenol	8.039	162	286625	43.601	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	316300	44.335	ng	98
31) Naphthalene	8.204	128	990347	43.366	ng	100
32) Benzoic acid	7.945	122	199134	45.256	ng	97
33) 4-Chloroaniline	8.251	127	220081	23.783	ng	97
34) Hexachlorobutadiene	8.316	225	191757	43.046	ng	99
35) Caprolactam	8.616	113	85131m	46.109	ng	
36) 4-Chloro-3-methylphenol	8.733	107	276250	41.005	ng	95
37) 2-Methylnaphthalene	8.892	142	603054	41.975	ng	99
38) 1-Methylnaphthalene	8.992	142	620345	41.743	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	307948	46.227	ng	99
41) Hexachlorocyclopentadiene	9.045	237	381130	84.810	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	204875	45.608	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	206573	43.603	ng	98
46) 1,1'-Biphenyl	9.357	154	809190	44.944	ng	99
47) 2-Chloronaphthalene	9.386	162	601823	45.242	ng	98
48) 2-Nitroaniline	9.480	65	173466	45.115	ng	96
49) Acenaphthylene	9.798	152	984557	43.832	ng	99
50) Dimethylphthalate	9.657	163	661895	43.225	ng	100
51) 2,6-Dinitrotoluene	9.722	165	148392	44.900	ng	95
52) Acenaphthene	9.975	154	654841	47.744	ng	99
53) 3-Nitroaniline	9.886	138	106885	29.610	ng	99
54) 2,4-Dinitrophenol	9.998	184	175836	102.981	ng	92
55) Dibenzofuran	10.145	168	846807	42.904	ng	98
56) 4-Nitrophenol	10.051	139	242899	91.196	ng	97
57) 2,4-Dinitrotoluene	10.127	165	195481	45.290	ng	98
58) Fluorene	10.486	166	646129	42.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	173703	43.920	ng	97
60) Diethylphthalate	10.357	149	631869	42.251	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	311750	41.620	ng	96
62) 4-Nitroaniline	10.504	138	147725	45.122	ng	97
63) Azobenzene	10.639	77	633510	47.163	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	103631	51.670	ng	98
66) n-Nitrosodiphenylamine	10.598	169	556337	45.248	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	191389	45.039	ng	97
68) Hexachlorobenzene	11.033	284	209677	44.612	ng	99
69) Atrazine	11.121	200	163121	49.956	ng	98
70) Pentachlorophenol	11.233	266	230613	86.908	ng	99
71) Phenanthrene	11.451	178	840862	43.781	ng	100
72) Anthracene	11.504	178	862354	43.995	ng	100
73) Carbazole	11.657	167	753059	44.940	ng	99
74) Di-n-butylphthalate	11.980	149	877150	47.821	ng	100
75) Fluoranthene	12.639	202	797484	44.438	ng	98
77) Benzidine	12.757	184	347487	40.809	ng	99
78) Pyrene	12.868	202	793809	37.189	ng	99
80) Butylbenzylphthalate	13.480	149	304769	51.673	ng	99
81) Benzo(a)anthracene	14.057	228	682149	44.645	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	161271	34.799	ng	99
83) Chrysene	14.092	228	625549	45.563	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	420218	55.655	ng	99
85) Di-n-octyl phthalate	14.657	149	712180	48.240	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	891327	43.263	ng	99
88) Benzo(b)fluoranthene	15.121	252	704683	43.387	ng	98
89) Benzo(k)fluoranthene	15.151	252	698419	45.911	ng	98
90) Benzo(a)pyrene	15.498	252	704890	46.042	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	722055	43.212	ng	98
92) Benzo(g,h,i)perylene	17.539	276	713255	42.677	ng	99

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

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