Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142606.D
Acq On : 04 Jun 2025 14:38
Operator : RC/JU
Sample : Q2159-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHO-WCMSD

Quant Time: Jun 04 15:05:17 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	117119	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	429653	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	207287	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	289513	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	207868	20.000	ng	0.00
86) Perylene-d12	15.562	264	274922	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503033	72.361	ng	0.00
7) Phenol-d6	6.522	99	608782	72.750	ng	-0.01
23) Nitrobenzene-d5	7.457	82	360559	45.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	150277	65.320	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	697253	45.136	ng	-0.02
79) Terphenyl-d14	13.004	244	493078	32.415	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	112206	40.336	ng	98
3) Pyridine	3.493	79	294977	41.640	ng	100
4) n-Nitrosodimethylamine	3.446	42	157867	42.921	ng	92
6) Aniline	6.557	93	290103	25.783	ng	97
8) 2-Chlorophenol	6.681	128	325299	42.961	ng	99
9) Benzaldehyde	6.445	77	176311	35.030	ng	99
10) Phenol	6.539	94	387871	41.193	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	293970	43.371	ng	100
12) 1,3-Dichlorobenzene	6.839	146	354983	42.014	ng	98
13) 1,4-Dichlorobenzene	6.916	146	362483	42.591	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349177	42.876	ng	99
15) Benzyl Alcohol	7.034	79	255956	41.390	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479366	42.114	ng	98
17) 2-Methylphenol	7.145	107	244760	41.402	ng	100
18) Hexachloroethane	7.410	117	125719	42.303	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	205003	39.528	ng	100
20) 3+4-Methylphenols	7.298	107	301702	39.853	ng	97
22) Acetophenone	7.304	105	407703	42.866	ng	98
24) Nitrobenzene	7.481	77	309931	43.612	ng	98
25) Isophorone	7.716	82	554934	42.124	ng	99
26) 2-Nitrophenol	7.792	139	171622	45.196	ng	98
27) 2,4-Dimethylphenol	7.833	122	271650	40.566	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	355801	43.235	ng	98
29) 2,4-Dichlorophenol	8.039	162	265245	43.555	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	289455	43.796	ng	98
31) Naphthalene	8.204	128	913570	43.183	ng	99
32) Benzoic acid	7.939	122	168301	41.288	ng	96
33) 4-Chloroaniline	8.245	127	85937	10.025	ng	100
34) Hexachlorobutadiene	8.316	225	175291	42.476	ng	99
35) Caprolactam	8.616	113	75256	43.999	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	251467	40.292	ng	96
37) 2-Methylnaphthalene	8.892	142	555494	41.736	ng	100
38) 1-Methylnaphthalene	8.992	142	568389	41.286	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	281606	47.326	ng	99
41) Hexachlorocyclopentadiene	9.045	237	317173	79.016	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	185819	46.311	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	182412	43.106	ng	98
46)	1,1'-Biphenyl	9.357	154	741150	46.086	ng	99
47)	2-Chloronaphthalene	9.380	162	542733	45.678	ng	99
48)	2-Nitroaniline	9.475	65	149998	43.676	ng	99
49)	Acenaphthylene	9.798	152	884211	44.071	ng	100
50)	Dimethylphthalate	9.657	163	597235	43.666	ng	100
51)	2,6-Dinitrotoluene	9.716	165	130411	44.177	ng	99
52)	Acenaphthene	9.969	154	566786	46.264	ng	100
53)	3-Nitroaniline	9.886	138	63685	19.751	ng	100
54)	2,4-Dinitrophenol	9.992	184	117271	76.892	ng	94
55)	Dibenzofuran	10.145	168	766850	43.498	ng	97
56)	4-Nitrophenol	10.051	139	188095	79.063	ng	96
57)	2,4-Dinitrotoluene	10.122	165	168682	43.754	ng	100
58)	Fluorene	10.486	166	572933	42.066	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	143474	40.613	ng	98
60)	Diethylphthalate	10.357	149	559299	41.870	ng	99
61)	4-Chlorophenyl-phenyle...	10.475	204	279681	41.802	ng	98
62)	4-Nitroaniline	10.498	138	114406	39.123	ng	97
63)	Azobenzene	10.639	77	517652	43.145	ng	96
65)	4,6-Dinitro-2-methylph...	10.527	198	74396	46.046	ng	98
66)	n-Nitrosodiphenylamine	10.592	169	485968	49.064	ng	99
67)	4-Bromophenyl-phenylether	10.969	248	164283	47.990	ng	97
68)	Hexachlorobenzene	11.033	284	177585	46.903	ng	99
69)	Atrazine	11.122	200	134893	51.281	ng	99
70)	Pentachlorophenol	11.227	266	179072	83.771	ng	99
71)	Phenanthrene	11.451	178	699348	45.200	ng	100
72)	Anthracene	11.504	178	713117	45.161	ng	100
73)	Carbazole	11.657	167	609293	45.135	ng	99
74)	Di-n-butylphthalate	11.980	149	707550	47.884	ng	99
75)	Fluoranthene	12.639	202	621123	42.963	ng	99
77)	Benzidine	12.757	184	184313	23.827	ng	99
78)	Pyrene	12.868	202	626053	32.286	ng	100
80)	Butylbenzylphthalate	13.480	149	239908	44.775	ng	99
81)	Benzo(a)anthracene	14.057	228	615470	44.341	ng	99
82)	3,3'-Dichlorobenzidine	14.015	252	114751	27.256	ng	98
83)	Chrysene	14.092	228	572386	45.892	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	337322	49.178	ng	99
85)	Di-n-octyl phthalate	14.657	149	661412	49.316	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.080	276	749576	36.318	ng	98
88)	Benzo(b)fluoranthene	15.121	252	708411	43.538	ng	98
89)	Benzo(k)fluoranthene	15.151	252	711519	46.688	ng	98
90)	Benzo(a)pyrene	15.498	252	700899	45.699	ng	99
91)	Dibenzo(a,h)anthracene	17.092	278	616586	36.834	ng	98
92)	Benzo(g,h,i)perylene	17.533	276	554788	33.135	ng	98

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

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