Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142645.D
Acq On : 06 Jun 2025 14:25
Operator : RC/JU
Sample : Q2207-37MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-05MSD

Quant Time: Jun 06 15:01:08 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	6.892	152	121107	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	452734	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	227605	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	350996	20.000	ng	0.00
76) Chrysene-d12	14.068	240	216229	20.000	ng	0.00
86) Perylene-d12	15.562	264	267697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	538583	74.924	ng	0.00
7) Phenol-d6	6.522	99	738658	85.363	ng	-0.01
23) Nitrobenzene-d5	7.457	82	343873	41.417	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	210025	83.141	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	636592	37.531	ng	-0.02
79) Terphenyl-d14	13.010	244	685957	43.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	117799	40.952	ng	98
3) Pyridine	3.487	79	310697	42.415	ng	99
4) n-Nitrosodimethylamine	3.440	42	156226	41.076	ng	92
6) Aniline	6.557	93	398164	34.221	ng	99
8) 2-Chlorophenol	6.681	128	328000	41.892	ng	100
9) Benzaldehyde	6.445	77	175080	33.640	ng	99
10) Phenol	6.539	94	399941	41.076	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	295054	42.098	ng	99
12) 1,3-Dichlorobenzene	6.834	146	364343	41.702	ng	99
13) 1,4-Dichlorobenzene	6.910	146	364313	41.396	ng	99
14) 1,2-Dichlorobenzene	7.063	146	352132	41.815	ng	99
15) Benzyl Alcohol	7.034	79	259417	40.568	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479651	40.752	ng	98
17) 2-Methylphenol	7.145	107	250427	40.966	ng	99
18) Hexachloroethane	7.410	117	127078	41.352	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	206881	38.577	ng	97
20) 3+4-Methylphenols	7.298	107	301265	38.484	ng	99
22) Acetophenone	7.304	105	406630	40.573	ng	98
24) Nitrobenzene	7.475	77	311851	41.645	ng	100
25) Isophorone	7.716	82	559057	40.274	ng	98
26) 2-Nitrophenol	7.792	139	177383	44.332	ng	96
27) 2,4-Dimethylphenol	7.828	122	290620	41.186	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	358932	41.392	ng	99
29) 2,4-Dichlorophenol	8.034	162	268153	41.787	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	295698	42.459	ng	98
31) Naphthalene	8.204	128	927889	41.624	ng	100
32) Benzoic acid	7.939	122	182946	42.592	ng	97
33) 4-Chloroaniline	8.245	127	231659	25.646	ng	98
34) Hexachlorobutadiene	8.316	225	180214	41.443	ng	100
35) Caprolactam	8.616	113	77580	43.046	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	256893	39.063	ng	97
37) 2-Methylnaphthalene	8.892	142	565877	40.349	ng	100
38) 1-Methylnaphthalene	8.992	142	583083	40.194	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	289504	44.310	ng	99
41) Hexachlorocyclopentadiene	9.045	237	355807	80.728	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	186712	42.380	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	199213	42.874	ng	98
46)	1,1'-Biphenyl	9.357	154	757895	42.921	ng	99
47)	2-Chloronaphthalene	9.380	162	566164	43.396	ng	98
48)	2-Nitroaniline	9.475	65	159341	42.255	ng	100
49)	Acenaphthylene	9.798	152	926243	42.045	ng	100
50)	Dimethylphthalate	9.657	163	614791	40.937	ng	100
51)	2,6-Dinitrotoluene	9.716	165	137549	42.435	ng	99
52)	Acenaphthene	9.969	154	605390	45.004	ng	99
53)	3-Nitroaniline	9.886	138	102466	28.942	ng	98
54)	2,4-Dinitrophenol	9.998	184	144429	86.246	ng	90
55)	Dibenzofuran	10.145	168	794689	41.053	ng	98
56)	4-Nitrophenol	10.051	139	211702	81.042	ng	95
57)	2,4-Dinitrotoluene	10.122	165	181053	42.770	ng	100
58)	Fluorene	10.486	166	607951	40.653	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.257	232	155189	40.008	ng	98
60)	Diethylphthalate	10.357	149	585645	39.928	ng	100
61)	4-Chlorophenyl-phenyle...	10.475	204	290633	39.561	ng	98
62)	4-Nitroaniline	10.498	138	128953	40.161	ng	97
63)	Azobenzene	10.639	77	557300	42.303	ng	95
65)	4,6-Dinitro-2-methylph...	10.533	198	91885	46.908	ng	95
66)	n-Nitrosodiphenylamine	10.592	169	517778	43.118	ng	100
67)	4-Bromophenyl-phenylether	10.969	248	177137	42.681	ng	97
68)	Hexachlorobenzene	11.033	284	195915	42.680	ng	98
69)	Atrazine	11.122	200	152901	47.945	ng	100
70)	Pentachlorophenol	11.227	266	206695	79.755	ng	99
71)	Phenanthrene	11.451	178	794920	42.378	ng	100
72)	Anthracene	11.504	178	804063	42.001	ng	100
73)	Carbazole	11.657	167	698526	42.681	ng	100
74)	Di-n-butylphthalate	11.980	149	810622	45.250	ng	99
75)	Fluoranthene	12.639	202	724954	41.361	ng	99
77)	Benzidine	12.763	184	335776	41.729	ng	99
78)	Pyrene	12.868	202	721346	35.761	ng	100
80)	Butylbenzylphthalate	13.486	149	262736	47.139	ng	96
81)	Benzo(a)anthracene	14.057	228	592912	41.064	ng	99
82)	3,3'-Dichlorobenzidine	14.021	252	123078	28.104	ng	98
83)	Chrysene	14.092	228	569225	43.874	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	354868	49.736	ng	99
85)	Di-n-octyl phthalate	14.657	149	630510	45.194	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.080	276	765527	38.092	ng	99
88)	Benzo(b)fluoranthene	15.121	252	700056	44.186	ng	98
89)	Benzo(k)fluoranthene	15.151	252	601557	40.538	ng	98
90)	Benzo(a)pyrene	15.498	252	642804	43.043	ng	99
91)	Dibenzo(a,h)anthracene	17.098	278	616252	37.808	ng	99
92)	Benzo(g,h,i)perylene	17.539	276	597788	36.667	ng	98

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

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