Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142644.D
Acq On : 06 Jun 2025 13:54
Operator : RC/JU
Sample : Q2207-37MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 06 14:25:49 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	6.893	152	117558	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	431241	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	216176	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	319672	20.000	ng	-0.01
76) Chrysene-d12	14.069	240	220105	20.000	ng	0.00
86) Perylene-d12	15.563	264	274187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	499053	71.521	ng	0.00
7) Phenol-d6	6.522	99	682872	81.299	ng	-0.01
23) Nitrobenzene-d5	7.457	82	323135	40.859	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	184142	76.749	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	583157	36.198	ng	-0.02
79) Terphenyl-d14	13.010	244	609901	37.866	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	111863	40.062	ng	99
3) Pyridine	3.481	79	289363	40.695	ng	99
4) n-Nitrosodimethylamine	3.434	42	145194	39.328	ng	91
6) Aniline	6.557	93	375537	33.251	ng	100
8) 2-Chlorophenol	6.681	128	303852	39.979	ng	100
9) Benzaldehyde	6.445	77	161195	31.907	ng	100
10) Phenol	6.534	94	370529	39.204	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	274849	40.399	ng	99
12) 1,3-Dichlorobenzene	6.834	146	337570	39.804	ng	99
13) 1,4-Dichlorobenzene	6.910	146	342765	40.123	ng	98
14) 1,2-Dichlorobenzene	7.063	146	326772	39.975	ng	99
15) Benzyl Alcohol	7.034	79	237091	38.196	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	451619	39.528	ng	99
17) 2-Methylphenol	7.145	107	227757	38.382	ng	99
18) Hexachloroethane	7.410	117	118979	39.886	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	187779	36.072	ng	99
20) 3+4-Methylphenols	7.298	107	279861	36.829	ng	97
22) Acetophenone	7.304	105	382211	40.038	ng	99
24) Nitrobenzene	7.475	77	287172	40.261	ng	100
25) Isophorone	7.716	82	511402	38.677	ng	98
26) 2-Nitrophenol	7.792	139	163664	42.942	ng	97
27) 2,4-Dimethylphenol	7.828	122	267216	39.757	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	325604	39.420	ng	99
29) 2,4-Dichlorophenol	8.034	162	242924	39.743	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	272393	41.062	ng	98
31) Naphthalene	8.204	128	857196	40.369	ng	100
32) Benzoic acid	7.939	122	161443	39.459	ng	98
33) 4-Chloroaniline	8.245	127	223466	25.972	ng	98
34) Hexachlorobutadiene	8.316	225	165358	39.922	ng	99
35) Caprolactam	8.610	113	68154	39.700	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	232008	37.037	ng	96
37) 2-Methylnaphthalene	8.892	142	520098	38.933	ng	99
38) 1-Methylnaphthalene	8.992	142	526947	38.135	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	265808	42.834	ng	100
41) Hexachlorocyclopentadiene	9.045	237	323061	77.174	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	167004	39.910	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	178778	40.510	ng	97
46) 1,1'-Biphenyl	9.357	154	692707	41.303	ng	99
47) 2-Chloronaphthalene	9.381	162	510578	41.205	ng	99
48) 2-Nitroaniline	9.475	65	144676	40.394	ng	100
49) Acenaphthylene	9.798	152	842923	40.286	ng	100
50) Dimethylphthalate	9.657	163	551253	38.646	ng	99
51) 2,6-Dinitrotoluene	9.716	165	122457	39.777	ng	98
52) Acenaphthene	9.969	154	547658	42.865	ng	100
53) 3-Nitroaniline	9.886	138	93600	27.836	ng	96
54) 2,4-Dinitrophenol	9.992	184	126962	79.823	ng	94
55) Dibenzofuran	10.139	168	732432	39.837	ng	98
56) 4-Nitrophenol	10.045	139	189972	76.568	ng	98
57) 2,4-Dinitrotoluene	10.122	165	159853	39.759	ng	98
58) Fluorene	10.486	166	550170	38.734	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	140838	38.228	ng	98
60) Diethylphthalate	10.351	149	518361	37.209	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	264039	37.841	ng	97
62) 4-Nitroaniline	10.498	138	116213	38.107	ng	94
63) Azobenzene	10.633	77	495235	39.579	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	79518	44.573	ng	97
66) n-Nitrosodiphenylamine	10.592	169	460697	42.124	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	156676	41.450	ng	96
68) Hexachlorobenzene	11.033	284	170657	40.821	ng	99
69) Atrazine	11.116	200	132122	45.489	ng	100
70) Pentachlorophenol	11.228	266	182944	77.508	ng	98
71) Phenanthrene	11.451	178	704036	41.211	ng	100
72) Anthracene	11.498	178	717873	41.173	ng	100
73) Carbazole	11.657	167	623057	41.801	ng	99
74) Di-n-butylphthalate	11.980	149	693198	42.487	ng	99
75) Fluoranthene	12.639	202	651996	40.844	ng	99
77) Benzidine	12.763	184	327776	40.018	ng	99
78) Pyrene	12.869	202	652849	31.796	ng	99
80) Butylbenzylphthalate	13.486	149	242067	42.666	ng	95
81) Benzo(a)anthracene	14.057	228	579293	39.414	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	120278	26.981	ng	99
83) Chrysene	14.092	228	548033	41.497	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	329388	45.352	ng	100
85) Di-n-octyl phthalate	14.657	149	609646	42.929	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	744043	36.146	ng	99
88) Benzo(b)fluoranthene	15.121	252	689106	42.465	ng	98
89) Benzo(k)fluoranthene	15.151	252	589646	38.795	ng	98
90) Benzo(a)pyrene	15.504	252	632184	41.330	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	603640	36.157	ng	99
92) Benzo(g,h,i)perylene	17.539	276	580587	34.769	ng	98

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

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