Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142844.D
Acq On : 25 Jun 2025 18:35
Operator : RC/JU
Sample : Q2394-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-K/LMSD

Quant Time: Jun 26 01:18:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	86832	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	327352	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	161732	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	216826	20.000	ng		0.00
76) Chrysene-d12	14.057	240	166084	20.000	ng		0.00
86) Perylene-d12	15.545	264	195276	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	510437	97.872	ng		0.01
7) Phenol-d6	6.510	99	618603	100.535	ng		0.00
23) Nitrobenzene-d5	7.439	82	379709	63.624	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	152841	91.833	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	776863	63.101	ng		0.00
79) Terphenyl-d14	12.992	244	479096	39.857	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	77619	37.209	ng		100
3) Pyridine	3.475	79	209759	40.110	ng		100
4) n-Nitrosodimethylamine	3.428	42	113036	41.799	ng		99
6) Aniline	6.540	93	214782	26.234	ng	#	83
8) 2-Chlorophenol	6.663	128	240076	42.673	ng		99
9) Benzaldehyde	6.428	77	142335	38.990	ng		100
10) Phenol	6.528	94	280041	40.944	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	211398	43.245	ng		98
12) 1,3-Dichlorobenzene	6.816	146	259981	41.320	ng		99
13) 1,4-Dichlorobenzene	6.892	146	266435	41.971	ng		99
14) 1,2-Dichlorobenzene	7.045	146	254247	42.226	ng		99
15) Benzyl Alcohol	7.022	79	190482	42.821	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	323932	41.245	ng		95
17) 2-Methylphenol	7.134	107	180490	42.335	ng		98
18) Hexachloroethane	7.387	117	94535	42.576	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	153811	42.980	ng		98
20) 3+4-Methylphenols	7.287	107	226021	42.519	ng		95
22) Acetophenone	7.287	105	310952	43.076	ng		98
24) Nitrobenzene	7.463	77	230370	42.648	ng		98
25) Isophorone	7.698	82	409972	42.823	ng		100
26) 2-Nitrophenol	7.781	139	133671	45.428	ng		98
27) 2,4-Dimethylphenol	7.816	122	212994	41.789	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	262521	43.132	ng		99
29) 2,4-Dichlorophenol	8.022	162	198199	42.886	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	217187	42.738	ng		99
31) Naphthalene	8.187	128	676656	42.229	ng		100
32) Benzoic acid	7.928	122	99567	38.327	ng		96
33) 4-Chloroaniline	8.234	127	76461	11.735	ng		97
34) Hexachlorobutadiene	8.298	225	132910	42.757	ng		99
35) Caprolactam	8.610	113	52363	42.938	ng		96
36) 4-Chloro-3-methylphenol	8.716	107	192750	41.966	ng		98
37) 2-Methylnaphthalene	8.875	142	422995	42.581	ng		98
38) 1-Methylnaphthalene	8.975	142	434533	42.256	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	215130	45.080	ng		99
41) Hexachlorocyclopentadiene	9.028	237	224115	82.757	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	137174	44.112	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	140604	42.953	ng	99
46) 1,1'-Biphenyl	9.339	154	569253	44.557	ng	99
47) 2-Chloronaphthalene	9.369	162	416871	43.481	ng	100
48) 2-Nitroaniline	9.463	65	114797	42.709	ng	98
49) Acenaphthylene	9.781	152	677374	42.918	ng	99
50) Dimethylphthalate	9.639	163	466375	44.548	ng	100
51) 2,6-Dinitrotoluene	9.704	165	100547	43.733	ng	98
52) Acenaphthene	9.957	154	433591	45.027	ng	99
53) 3-Nitroaniline	9.869	138	51321	20.274	ng	98
54) 2,4-Dinitrophenol	9.981	184	81917	71.158	ng	99
55) Dibenzofuran	10.128	168	578999	41.931	ng	100
56) 4-Nitrophenol	10.039	139	118397	68.321	ng	98
57) 2,4-Dinitrotoluene	10.110	165	127282	41.679	ng	99
58) Fluorene	10.469	166	438096	40.624	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	103184	39.105	ng	97
60) Diethylphthalate	10.339	149	442512	43.110	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	216441	42.059	ng	98
62) 4-Nitroaniline	10.486	138	83121	35.904	ng	97
63) Azobenzene	10.622	77	409836	44.673	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	58514	44.616	ng	96
66) n-Nitrosodiphenylamine	10.580	169	366172	48.728	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	123766	50.155	ng	97
68) Hexachlorobenzene	11.016	284	129801	47.338	ng	97
69) Atrazine	11.104	200	95172	49.045	ng	99
70) Pentachlorophenol	11.216	266	107461	78.649	ng	98
71) Phenanthrene	11.433	178	515807	43.915	ng	99
72) Anthracene	11.486	178	524846	43.570	ng	99
73) Carbazole	11.639	167	413578	39.785	ng	100
74) Di-n-butylphthalate	11.969	149	517455	47.783	ng	100
75) Fluoranthene	12.622	202	428340	38.426	ng	100
77) Benzidine	12.745	184	172817	27.695	ng	99
78) Pyrene	12.851	202	438025	28.137	ng	100
80) Butylbenzylphthalate	13.469	149	191237	42.349	ng	98
81) Benzo(a)anthracene	14.045	228	486056	43.382	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	60826	16.737	ng	99
83) Chrysene	14.080	228	448397	44.850	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	299554	46.105	ng	100
85) Di-n-octyl phthalate	14.645	149	570522	46.568	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	369992	24.875	ng	99
88) Benzo(b)fluoranthene	15.110	252	531909	47.074	ng	100
89) Benzo(k)fluoranthene	15.139	252	506561	47.917	ng	100
90) Benzo(a)pyrene	15.486	252	489635	44.854	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	301769	24.970	ng	98
92) Benzo(g,h,i)perylene	17.509	276	259891	21.566	ng	99

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

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