Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142898.D
Acq On : 27 Jun 2025 17:41
Operator : RC/JU
Sample : Q2414-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Jun 27 18:04:53 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	59440	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	208671	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	97500	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	160606	20.000	ng		0.00
76) Chrysene-d12	14.057	240	152081	20.000	ng		0.00
86) Perylene-d12	15.545	264	108406	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	388240	108.747	ng		0.02
7) Phenol-d6	6.510	99	414922	98.508	ng		0.00
23) Nitrobenzene-d5	7.440	82	296276	77.878	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	127254	126.830	ng		0.00
45) 2-Fluorobiphenyl	9.240	172	596459	80.364	ng		0.00
79) Terphenyl-d14	12.992	244	637428	57.912	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	48382	33.882	ng	#	83
3) Pyridine	3.510	79	115265	32.198	ng		99
4) n-Nitrosodimethylamine	3.446	42	70959	38.331	ng		96
6) Aniline	6.540	93	55945	9.982	ng	#	70
8) 2-Chlorophenol	6.663	128	147102	38.197	ng		99
9) Benzaldehyde	6.428	77	41324	16.537	ng		99
10) Phenol	6.522	94	148091	31.630	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	132055	39.463	ng		98
12) 1,3-Dichlorobenzene	6.816	146	153268	35.585	ng		99
13) 1,4-Dichlorobenzene	6.893	146	156623	36.043	ng		99
14) 1,2-Dichlorobenzene	7.046	146	149994	36.392	ng		99
15) Benzyl Alcohol	7.022	79	118765	39.003	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	196950	36.633	ng		94
17) 2-Methylphenol	7.134	107	108772	37.270	ng		99
18) Hexachloroethane	7.387	117	52423	34.490	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	95031	38.792	ng		99
20) 3+4-Methylphenols	7.287	107	135505	37.239	ng	#	85
22) Acetophenone	7.287	105	196671	42.740	ng		99
24) Nitrobenzene	7.463	77	138397	40.193	ng		95
25) Isophorone	7.698	82	249870	40.944	ng		100
26) 2-Nitrophenol	7.775	139	77324	41.224	ng		99
27) 2,4-Dimethylphenol	7.816	122	129179	39.759	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	160055	41.253	ng		100
29) 2,4-Dichlorophenol	8.022	162	119677	40.624	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	127019	39.210	ng		99
31) Naphthalene	8.181	128	407947	39.940	ng		100
32) Benzoic acid	7.916	122	44467	26.852	ng		97
33) 4-Chloroaniline	8.234	127	37145	8.944	ng		99
34) Hexachlorobutadiene	8.298	225	78146	39.438	ng		99
35) Caprolactam	8.592	113	28590	36.778	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	114854	39.229	ng		99
37) 2-Methylnaphthalene	8.875	142	249656	39.425	ng		99
38) 1-Methylnaphthalene	8.975	142	259315	39.559	ng		99
40) 1,2,4,5-Tetrachloroben...	9.040	216	127445	44.299	ng		99
41) Hexachlorocyclopentadiene	9.028	237	74117	45.399	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	79384	42.346	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84383	42.760	ng	99
46) 1,1'-Biphenyl	9.339	154	347102	45.067	ng	99
47) 2-Chloronaphthalene	9.363	162	248149	42.934	ng	99
48) 2-Nitroaniline	9.463	65	71066	43.857	ng	95
49) Acenaphthylene	9.781	152	406710	42.745	ng	100
50) Dimethylphthalate	9.639	163	303141	48.032	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63185	45.588	ng	96
52) Acenaphthene	9.951	154	249852	43.040	ng	99
53) 3-Nitroaniline	9.869	138	27174	17.807	ng	97
54) 2,4-Dinitrophenol	9.981	184	26509	38.198	ng	96
55) Dibenzofuran	10.128	168	357481	42.944	ng	98
56) 4-Nitrophenol	10.039	139	84132	80.532	ng	98
57) 2,4-Dinitrotoluene	10.110	165	84107	45.685	ng	98
58) Fluorene	10.469	166	279124	42.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	69036	43.400	ng	94
60) Diethylphthalate	10.339	149	296081	47.847	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	136552	44.016	ng	99
62) 4-Nitroaniline	10.486	138	55943	40.084	ng	98
63) Azobenzene	10.622	77	234736	42.443	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	21662	22.299	ng	91
66) n-Nitrosodiphenylamine	10.575	169	242824	43.625	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	80567	44.078	ng	97
68) Hexachlorobenzene	11.016	284	85173	41.936	ng	97
69) Atrazine	11.104	200	77440	53.876	ng	98
70) Pentachlorophenol	11.216	266	89387	88.321	ng	99
71) Phenanthrene	11.433	178	381857	43.892	ng	100
72) Anthracene	11.486	178	390497	43.765	ng	100
73) Carbazole	11.639	167	371783	48.284	ng	100
74) Di-n-butylphthalate	11.963	149	452291	56.386	ng	99
75) Fluoranthene	12.622	202	434421	52.614	ng	100
77) Benzidine	12.745	184	102906	18.010	ng	100
78) Pyrene	12.857	202	448401	31.455	ng	99
80) Butylbenzylphthalate	13.469	149	203697	49.261	ng	97
81) Benzo(a)anthracene	14.045	228	446018	43.474	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	52551	15.792	ng	99
83) Chrysene	14.080	228	410180	44.805	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	295709	49.704	ng	99
85) Di-n-octyl phthalate	14.639	149	504264	44.950	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	251480	30.456	ng	99
88) Benzo(b)fluoranthene	15.110	252	333778	53.210	ng	100
89) Benzo(k)fluoranthene	15.139	252	324656	55.320	ng	100
90) Benzo(a)pyrene	15.486	252	281662	46.479	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	206114	30.722	ng	98
92) Benzo(g,h,i)perylene	17.510	276	197897	29.581	ng	98

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

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