Quantitation Report (QT Reviewed)

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142066.D
Acq On : 24 Mar 2025 20:51
Operator : RC/JU
Sample : Q1626-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MSD

Quant Time: Mar 24 21:17:18 2025
Quant Method : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	101511	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	357350	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	170553	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	324399	20.000	ng		0.00
76) Chrysene-d12	14.045	240	259606	20.000	ng		0.00
86) Perylene-d12	15.521	264	186036	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	611236	100.494	ng		0.00
7) Phenol-d6	6.504	99	713334	92.113	ng		0.00
23) Nitrobenzene-d5	7.439	82	468631	73.801	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	254913	117.814	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	882773	78.716	ng		-0.01
79) Terphenyl-d14	12.980	244	1326765	75.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	124004	48.658	ng		98
3) Pyridine	3.457	79	308533	49.355	ng		96
4) n-Nitrosodimethylamine	3.399	42	155747	52.266	ng		98
6) Aniline	6.540	93	232738	30.465	ng		99
8) 2-Chlorophenol	6.663	128	338378	50.162	ng		98
9) Benzaldehyde	6.428	77	232425	53.664	ng		99
10) Phenol	6.516	94	389372	47.793	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	314694	51.442	ng		97
12) 1,3-Dichlorobenzene	6.816	146	381044	52.322	ng		99
13) 1,4-Dichlorobenzene	6.892	146	390740	53.028	ng		99
14) 1,2-Dichlorobenzene	7.045	146	362611	52.246	ng		98
15) Benzyl Alcohol	7.016	79	284646	45.466	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	329584	44.626	ng		97
17) 2-Methylphenol	7.128	107	253088	47.187	ng		99
18) Hexachloroethane	7.386	117	129351	46.813	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	218102	43.831	ng		99
20) 3+4-Methylphenols	7.281	107	315904	45.983	ng	#	75
22) Acetophenone	7.281	105	449372	52.511	ng		96
24) Nitrobenzene	7.457	77	332806	52.721	ng		99
25) Isophorone	7.692	82	586929	52.290	ng		99
26) 2-Nitrophenol	7.775	139	139401	44.994	ng		98
27) 2,4-Dimethylphenol	7.810	122	288918	67.723	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	366384	52.042	ng		100
29) 2,4-Dichlorophenol	8.016	162	261680	49.418	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	309505	53.038	ng		99
31) Naphthalene	8.181	128	952077	51.866	ng		100
32) Benzoic acid	7.910	122	181182	48.314	ng		98
33) 4-Chloroaniline	8.228	127	129074	19.918	ng		97
34) Hexachlorobutadiene	8.298	225	215919	56.736	ng		99
35) Caprolactam	8.586	113	74290	46.017	ng		91
36) 4-Chloro-3-methylphenol	8.704	107	264380	44.758	ng		98
37) 2-Methylnaphthalene	8.869	142	521830	42.530	ng		100
38) 1-Methylnaphthalene	8.969	142	549960	46.449	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	293444	56.511	ng		98
41) Hexachlorocyclopentadiene	9.022	237	56525	27.815	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	179513	52.898	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	186137	54.156	ng	98
46) 1,1'-Biphenyl	9.333	154	702366	54.200	ng	100
47) 2-Chloronaphthalene	9.357	162	522066	54.050	ng	98
48) 2-Nitroaniline	9.451	65	161814	57.860	ng	96
49) Acenaphthylene	9.775	152	861150	60.080	ng	100
50) Dimethylphthalate	9.628	163	626990	52.497	ng	100
51) 2,6-Dinitrotoluene	9.692	165	124716	50.153	ng	93
52) Acenaphthene	9.945	154	493333	48.976	ng	100
53) 3-Nitroaniline	9.863	138	126590	50.185	ng	95
54) 2,4-Dinitrophenol	9.969	184	9054	12.455	ng	88
55) Dibenzofuran	10.116	168	721793	50.149	ng	98
56) 4-Nitrophenol	10.022	139	219882	115.590	ng	97
57) 2,4-Dinitrotoluene	10.098	165	159992	49.260	ng	97
58) Fluorene	10.463	166	618898	55.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	168625	53.915	ng	98
60) Diethylphthalate	10.327	149	610224	51.240	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	309506	53.486	ng	97
62) 4-Nitroaniline	10.475	138	133560	54.386	ng	95
63) Azobenzene	10.610	77	589377	53.231	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	8502	4.396	ng	84
66) n-Nitrosodiphenylamine	10.569	169	505146	48.120	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	195154	47.901	ng	96
68) Hexachlorobenzene	11.010	284	233096	52.166	ng	95
69) Atrazine	11.098	200	196300	60.997	ng	99
70) Pentachlorophenol	11.204	266	312252	113.420	ng	99
71) Phenanthrene	11.427	178	1208562	68.975	ng	100
72) Anthracene	11.474	178	1020072	58.028	ng	100
73) Carbazole	11.627	167	848014	55.936	ng	100
74) Di-n-butylphthalate	11.957	149	1073533	53.367	ng	99
75) Fluoranthene	12.616	202	1668050	89.745	ng	99
77) Benzidine	12.733	184	134358	37.095	ng	96
78) Pyrene	12.845	202	1645052	73.256	ng	99
80) Butylbenzylphthalate	13.457	149	509128	57.925	ng	100
81) Benzo(a)anthracene	14.033	228	1213230	71.218	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	147694	30.001	ng	99
83) Chrysene	14.068	228	1058697	68.559	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	731585	60.368	ng	99
85) Di-n-octyl phthalate	14.627	149	1031788	61.190	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	724364	60.191	ng	97
88) Benzo(b)fluoranthene	15.086	252	977504	76.666	ng	98
89) Benzo(k)fluoranthene	15.115	252	675245	61.886	ng	98
90) Benzo(a)pyrene	15.457	252	726873	72.859	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	509353	51.298	ng	99
92) Benzo(g,h,i)perylene	17.468	276	578401	58.947	ng	98

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

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