Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142014.D
Acq On : 20 Mar 2025 16:36
Operator : RC/JU
Sample : Q1606-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251346MSD

Quant Time: Mar 20 17:01:00 2025
Quant Method : Z:\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	147102	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	550796	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	256234	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	325130	20.000	ng		0.00
76) Chrysene-d12	14.039	240	319994	20.000	ng		0.00
86) Perylene-d12	15.509	264	363920	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	819414	92.967	ng		0.00
7) Phenol-d6	6.498	99	1007064	89.739	ng		0.00
23) Nitrobenzene-d5	7.433	82	657367	67.164	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	266642	82.027	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1203237	71.415	ng		-0.01
79) Terphenyl-d14	12.980	244	899338	41.552	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	171793	46.518	ng		98
3) Pyridine	3.475	79	366789	40.489	ng		98
4) n-Nitrosodimethylamine	3.416	42	179990	41.681	ng		95
6) Aniline	6.534	93	251441	22.713	ng		96
8) 2-Chlorophenol	6.657	128	425604	43.538	ng		100
9) Benzaldehyde	6.422	77	118022	18.804	ng		96
10) Phenol	6.516	94	484431	41.032	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	373835	42.170	ng		99
12) 1,3-Dichlorobenzene	6.816	146	471301	44.658	ng		99
13) 1,4-Dichlorobenzene	6.892	146	475670	44.547	ng		99
14) 1,2-Dichlorobenzene	7.045	146	449134	44.656	ng		98
15) Benzyl Alcohol	7.010	79	368752	40.645	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	421442	39.378	ng		97
17) 2-Methylphenol	7.122	107	325850	41.924	ng		99
18) Hexachloroethane	7.386	117	179568	44.845	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	279926	38.820	ng		99
20) 3+4-Methylphenols	7.275	107	411912	41.375	ng	#	85
22) Acetophenone	7.281	105	631944	47.910	ng		97
24) Nitrobenzene	7.457	77	429587	44.151	ng		98
25) Isophorone	7.692	82	759865	43.921	ng		100
26) 2-Nitrophenol	7.769	139	222682	46.631	ng		99
27) 2,4-Dimethylphenol	7.804	122	341826	51.984	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	460444	42.432	ng		100
29) 2,4-Dichlorophenol	8.010	162	339159	41.554	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	398239	44.275	ng		99
31) Naphthalene	8.180	128	1314365	46.455	ng		100
32) Benzoic acid	7.892	122	164049m	28.382	ng		
33) 4-Chloroaniline	8.222	127	124286	12.444	ng		97
34) Hexachlorobutadiene	8.292	225	270882	46.180	ng		99
35) Caprolactam	8.586	113	93210m	37.459	ng		
36) 4-Chloro-3-methylphenol	8.704	107	338073	37.132	ng		98
37) 2-Methylnaphthalene	8.869	142	761475	40.265	ng		100
38) 1-Methylnaphthalene	8.969	142	727594	39.869	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	440030	56.405	ng		98
41) Hexachlorocyclopentadiene	9.022	237	434799	142.412	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	233873	45.871	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	234133	45.342	ng		98
46) 1,1'-Biphenyl	9.333	154	1044845	53.667	ng		100
47) 2-Chloronaphthalene	9.357	162	705020	48.585	ng		98
48) 2-Nitroaniline	9.451	65	182859	43.521	ng		97
49) Acenaphthylene	9.774	152	1001988	46.530	ng		100
50) Dimethylphthalate	9.627	163	808047	45.033	ng		100
51) 2,6-Dinitrotoluene	9.692	165	161174	43.141	ng		93
52) Acenaphthene	9.945	154	700035	46.258	ng		99
53) 3-Nitroaniline	9.857	138	95358	25.163	ng		99
54) 2,4-Dinitrophenol	9.963	184	117080	57.198	ng	#	65
55) Dibenzofuran	10.116	168	900897	41.663	ng		98
56) 4-Nitrophenol	10.016	139	199346	69.753	ng		95
57) 2,4-Dinitrotoluene	10.092	165	208249	42.678	ng		97
58) Fluorene	10.457	166	669722	40.162	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	172799	36.775	ng		97
60) Diethylphthalate	10.327	149	725568	40.553	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	359047	41.299	ng		97
62) 4-Nitroaniline	10.469	138	119671	32.436	ng		96
63) Azobenzene	10.610	77	708458	42.590	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	84125	43.403	ng		98
66) n-Nitrosodiphenylamine	10.569	169	562955	53.506	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	204638	50.116	ng		99
68) Hexachlorobenzene	11.004	284	216773	48.404	ng		99
69) Atrazine	11.092	200	193114	59.873	ng		99
70) Pentachlorophenol	11.198	266	245291	88.897	ng		99
71) Phenanthrene	11.421	178	792554	45.131	ng		99
72) Anthracene	11.474	178	810484	46.002	ng		99
73) Carbazole	11.627	167	642992	42.317	ng		99
74) Di-n-butylphthalate	11.957	149	860183	42.665	ng		99
75) Fluoranthene	12.610	202	823113	44.186	ng		99
77) Benzidine	12.727	184	239224	53.583	ng		100
78) Pyrene	12.839	202	860747	31.097	ng		99
80) Butylbenzylphthalate	13.457	149	377964	34.887	ng		97
81) Benzo(a)anthracene	14.027	228	947876	45.141	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	150585	24.816	ng		99
83) Chrysene	14.062	228	839985	44.131	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	561259	37.573	ng		99
85) Di-n-octyl phthalate	14.627	149	1057051	50.858	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	788010	33.473	ng		97
88) Benzo(b)fluoranthene	15.080	252	1015022	40.696	ng		99
89) Benzo(k)fluoranthene	15.109	252	903166	42.314	ng		99
90) Benzo(a)pyrene	15.445	252	890452	45.627	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	632731	32.576	ng		99
92) Benzo(g,h,i)perylene	17.445	276	532750	27.756	ng		98

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

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