Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141747.D
Acq On : 24 Feb 2025 16:38
Operator : RC/JU
Sample : Q1395-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BEL-25-0005MSD

Quant Time: Feb 24 16:59:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	83746	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	332221	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	175907	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	268692	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	175624	20.000	ng		-0.02
86) Perylene-d12	15.386	264	195910	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	769057	143.969	ng		0.01
7) Phenol-d6	6.434	99	873294	129.346	ng		0.00
23) Nitrobenzene-d5	7.351	82	653102	102.536	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	258961	146.549	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1204711	105.512	ng		-0.01
79) Terphenyl-d14	12.886	244	1066198	102.487	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	100753	46.863	ng	#	80
3) Pyridine	3.410	79	214665	41.959	ng		94
4) n-Nitrosodimethylamine	3.322	42	142054	41.933	ng		90
6) Aniline	6.451	93	38937	6.148	ng	#	1
8) 2-Chlorophenol	6.575	128	276805	47.956	ng		99
9) Benzaldehyde	6.334	77	69963	19.500	ng		97
10) Phenol	6.451	94	925884	131.758	ng	#	73
11) bis(2-Chloroethyl)ether	6.522	93	255625	48.431	ng		99
12) 1,3-Dichlorobenzene	6.722	146	286636	47.038	ng		97
13) 1,4-Dichlorobenzene	6.798	146	286688	46.047	ng		99
14) 1,2-Dichlorobenzene	6.951	146	274104	47.436	ng		98
15) Benzyl Alcohol	6.939	79	240362	46.425	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	391352	43.314	ng	#	49
17) 2-Methylphenol	7.051	107	210990	46.711	ng		93
18) Hexachloroethane	7.292	117	109026	47.317	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	194502	48.161	ng		96
20) 3+4-Methylphenols	7.216	107	284647	49.587	ng	#	56
22) Acetophenone	7.192	105	430526	52.095	ng	#	89
24) Nitrobenzene	7.369	77	283944	45.716	ng		98
25) Isophorone	7.610	82	488333	48.083	ng		99
26) 2-Nitrophenol	7.681	139	148029	47.904	ng		96
27) 2,4-Dimethylphenol	7.728	122	222765	61.709	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	314866	48.383	ng		99
29) 2,4-Dichlorophenol	7.934	162	228369	46.821	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	247107	46.523	ng		100
31) Naphthalene	8.086	128	790282	45.699	ng		100
32) Benzoic acid	7.951	122	422511	112.680	ng		98
33) 4-Chloroaniline	8.145	127	44354m	7.346	ng		
34) Hexachlorobutadiene	8.198	225	151355	47.467	ng		100
35) Caprolactam	8.539	113	86831	58.470	ng		94
36) 4-Chloro-3-methylphenol	8.639	107	243305	45.033	ng		99
37) 2-Methylnaphthalene	8.775	142	505472	44.917	ng		100
38) 1-Methylnaphthalene	8.875	142	488066	44.780	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	277039	54.437	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	161487	49.096	ng		99
44) 2,4,5-Trichlorophenol	9.116	196	171207	48.028	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.239	154	730892	53.593	ng		99
47) 2-Chloronaphthalene	9.263	162	493837	48.969	ng		100
48) 2-Nitroaniline	9.369	65	151325	44.712	ng		96
49) Acenaphthylene	9.680	152	732992	48.867	ng		100
50) Dimethylphthalate	9.539	163	583875	48.893	ng		99
51) 2,6-Dinitrotoluene	9.610	165	126631	48.507	ng		96
52) Acenaphthene	9.851	154	469989	46.606	ng		99
53) 3-Nitroaniline	9.780	138	174296m	62.032	ng		
54) 2,4-Dinitrophenol	9.898	184	152396	98.223	ng		89
55) Dibenzofuran	10.022	168	668621	45.172	ng		94
56) 4-Nitrophenol	9.998	139	67961m	32.583	ng		
57) 2,4-Dinitrotoluene	10.016	165	165196	47.534	ng	#	92
58) Fluorene	10.363	166	540442	47.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	144070	46.943	ng	#	94
60) Diethylphthalate	10.239	149	539310	45.901	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	265367	48.197	ng		97
62) 4-Nitroaniline	10.392	138	111672	39.141	ng		99
63) Azobenzene	10.516	77	516547	44.223	ng		96
65) 4,6-Dinitro-2-methylph...	10.422	198	95558	51.197	ng		97
66) n-Nitrosodiphenylamine	10.475	169	462032	53.718	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	159048	52.963	ng		99
68) Hexachlorobenzene	10.910	284	165000	53.359	ng		98
69) Atrazine	11.004	200	100671	39.015	ng		98
70) Pentachlorophenol	11.116	266	182272	92.184	ng		99
71) Phenanthrene	11.327	178	739667	50.010	ng		100
72) Anthracene	11.380	178	761538	51.221	ng		100
73) Carbazole	11.539	167	608730	45.503	ng		99
74) Di-n-butylphthalate	11.863	149	747931	48.419	ng		100
75) Fluoranthene	12.516	202	672632	42.896	ng		99
77) Benzidine	12.645	184	68080	17.577	ng		97
78) Pyrene	12.739	202	671281	44.901	ng		100
80) Butylbenzylphthalate	13.357	149	259680	50.147	ng		99
81) Benzo(a)anthracene	13.933	228	605224	51.842	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	116191	34.744	ng		99
83) Chrysene	13.968	228	534786	49.612	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	340420	58.287	ng		99
85) Di-n-octyl phthalate	14.527	149	605276	72.646	ng		100
87) Indeno(1,2,3-cd)pyrene	16.821	276	628141	51.891	ng		99
88) Benzo(b)fluoranthene	14.968	252	566739	43.084	ng		99
89) Benzo(k)fluoranthene	14.998	252	573038	51.015	ng		98
90) Benzo(a)pyrene	15.327	252	553726	52.022	ng		98
91) Dibenzo(a,h)anthracene	16.833	278	514016	52.405	ng		99
92) Benzo(g,h,i)perylene	17.251	276	469435	45.735	ng		100

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

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