Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122624\
Data File : BF140972.D
Acq On : 26 Dec 2024 17:15
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Dec 27 00:19:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:11:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	251125	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1005088	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	539677	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	960019	20.000	ng		0.00
76) Chrysene-d12	13.986	240	769052	20.000	ng		0.00
86) Perylene-d12	15.439	264	725753	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	357171	21.439	ng		0.00
7) Phenol-d6	6.440	99	461726	21.514	ng		-0.01
23) Nitrobenzene-d5	7.387	82	277918	17.691	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	102029	19.456	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	783402	23.128	ng		0.00
79) Terphenyl-d14	12.927	244	908253	19.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	77981	10.339	ng		99
3) Pyridine	3.305	79	196202	10.644	ng		98
4) n-Nitrosodimethylamine	3.234	42	92623	9.918	ng	#	99
6) Aniline	6.487	93	213768	11.168	ng		98
8) 2-Chlorophenol	6.604	128	186317	10.608	ng		99
9) Benzaldehyde	6.375	77	149809	7.569	ng		98
10) Phenol	6.451	94	236093	10.639	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	185749	10.376	ng		100
12) 1,3-Dichlorobenzene	6.769	146	209098	10.787	ng		99
13) 1,4-Dichlorobenzene	6.845	146	212166	10.857	ng		98
14) 1,2-Dichlorobenzene	6.998	146	199494	10.949	ng		99
15) Benzyl Alcohol	6.957	79	160122	10.383	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	290964	10.738	ng		99
17) 2-Methylphenol	7.069	107	151661	10.393	ng		98
18) Hexachloroethane	7.340	117	71922	10.361	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	141506	10.763	ng		98
20) 3+4-Methylphenols	7.222	107	203866	11.040	ng		91
22) Acetophenone	7.228	105	268709	10.898	ng		98
24) Nitrobenzene	7.404	77	160105	9.121	ng		100
25) Isophorone	7.640	82	354894	10.381	ng		97
26) 2-Nitrophenol	7.722	139	39980	10.245	ng		99
27) 2,4-Dimethylphenol	7.751	122	128382	10.276	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	232407	10.730	ng		99
29) 2,4-Dichlorophenol	7.957	162	145068	10.238	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	168369	10.498	ng		99
31) Naphthalene	8.128	128	579991	10.951	ng		98
32) Benzoic acid	7.810	122	49591	11.743	ng		99
33) 4-Chloroaniline	8.175	127	199889	10.433	ng		99
34) Hexachlorobutadiene	8.251	225	100026	10.579	ng		100
35) Caprolactam	8.504	113	47868	9.936	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	160989	10.230	ng		100
37) 2-Methylnaphthalene	8.816	142	372101	10.982	ng		99
38) 1-Methylnaphthalene	8.916	142	363059	10.903	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	158150	10.652	ng		99
41) Hexachlorocyclopentadiene	8.975	237	47532	9.661	ng		97
43) 2,4,6-Trichlorophenol	9.087	196	96190	9.734	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	104859	10.371	ng		99
46) 1,1'-Biphenyl	9.281	154	457591	11.074	ng		99
47) 2-Chloronaphthalene	9.304	162	348834	10.884	ng		98
48) 2-Nitroaniline	9.392	65	49140	9.938	ng		99
49) Acenaphthylene	9.722	152	504423	10.933	ng		99
50) Dimethylphthalate	9.575	163	381476	10.746	ng		99
51) 2,6-Dinitrotoluene	9.639	165	46772	9.624	ng		97
52) Acenaphthene	9.892	154	334623	10.729	ng		100
53) 3-Nitroaniline	9.804	138	53244	9.568	ng	#	93
54) 2,4-Dinitrophenol	9.904	184	10078	11.150	ng	#	1
55) Dibenzofuran	10.063	168	480351	10.959	ng		97
56) 4-Nitrophenol	9.945	139	44755	7.370	ng		94
57) 2,4-Dinitrotoluene	10.034	165	50385	9.654	ng		90
58) Fluorene	10.404	166	386427	11.369	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	81766	9.765	ng		98
60) Diethylphthalate	10.281	149	374095	10.675	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	181693	11.109	ng		97
62) 4-Nitroaniline	10.410	138	54741	9.821	ng		91
63) Azobenzene	10.557	77	395397	10.749	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	15689	12.644	ng		91
66) n-Nitrosodiphenylamine	10.516	169	324220	10.725	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	110052	10.604	ng		98
68) Hexachlorobenzene	10.951	284	118361	10.343	ng		97
69) Atrazine	11.039	200	98299	11.639	ng		99
70) Pentachlorophenol	11.139	266	65934	9.254	ng		99
71) Phenanthrene	11.369	178	560414	11.091	ng		98
72) Anthracene	11.416	178	545401	11.016	ng		98
73) Carbazole	11.569	167	524879	11.028	ng		99
74) Di-n-butylphthalate	11.910	149	594457	10.981	ng		99
75) Fluoranthene	12.557	202	611729	11.163	ng		98
77) Benzidine	12.680	184	127969	7.873	ng		99
78) Pyrene	12.780	202	642229	9.549	ng		98
80) Butylbenzylphthalate	13.410	149	219532	8.939	ng		97
81) Benzo(a)anthracene	13.974	228	558462	10.419	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	174840	10.857	ng		97
83) Chrysene	14.010	228	511519	10.587	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	323647	10.159	ng		100
85) Di-n-octyl phthalate	14.592	149	473516	10.269	ng		100
87) Indeno(1,2,3-cd)pyrene	16.880	276	365994	8.004	ng		100
88) Benzo(b)fluoranthene	15.016	252	567548	11.213	ng		99
89) Benzo(k)fluoranthene	15.045	252	406884	10.256	ng		99
90) Benzo(a)pyrene	15.374	252	401924	10.230	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	300782	8.115	ng		99
92) Benzo(g,h,i)perylene	17.315	276	294254	7.654	ng		100

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

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