Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022725\
Data File : BF141798.D
Acq On : 27 Feb 2025 17:46
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Feb 28 01:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:19:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	294968	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1175652	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	632437	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1007266	20.000	ng		0.00
76) Chrysene-d12	14.051	240	571903	20.000	ng		0.00
86) Perylene-d12	15.521	264	520644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1747157	94.593	ng		0.00
7) Phenol-d6	6.510	99	2273216	94.557	ng		0.00
23) Nitrobenzene-d5	7.457	82	1953916	106.234	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	580093	97.701	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	3566962	90.435	ng		0.00
79) Terphenyl-d14	12.998	244	3516535	99.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	401754	47.937	ng		99
3) Pyridine	3.451	79	1017692	48.805	ng		99
4) n-Nitrosodimethylamine	3.404	42	497063	49.541	ng		99
6) Aniline	6.557	93	1210646	48.702	ng		100
8) 2-Chlorophenol	6.675	128	957860	47.940	ng		99
9) Benzaldehyde	6.440	77	644844	46.113	ng		99
10) Phenol	6.528	94	1210418	47.257	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	943249	48.169	ng		99
12) 1,3-Dichlorobenzene	6.834	146	1016156	47.489	ng		99
13) 1,4-Dichlorobenzene	6.910	146	1024761	47.531	ng		100
14) 1,2-Dichlorobenzene	7.063	146	948038	47.090	ng		99
15) Benzyl Alcohol	7.028	79	927459	48.272	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1423138	47.854	ng		100
17) 2-Methylphenol	7.134	107	795600	48.240	ng		99
18) Hexachloroethane	7.404	117	393322	48.741	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	744192	47.090	ng		99
20) 3+4-Methylphenols	7.292	107	961623	46.825	ng	#	87
22) Acetophenone	7.298	105	1339971	46.798	ng		97
24) Nitrobenzene	7.475	77	1025625	52.073	ng		99
25) Isophorone	7.716	82	1886546	47.744	ng		99
26) 2-Nitrophenol	7.786	139	425765	48.354	ng		99
27) 2,4-Dimethylphenol	7.816	122	698393	48.082	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	1186179	47.060	ng		100
29) 2,4-Dichlorophenol	8.022	162	813150	48.527	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	875703	47.693	ng		99
31) Naphthalene	8.192	128	2820879	46.685	ng		100
32) Benzoic acid	7.945	122	587574	48.392	ng		99
33) 4-Chloroaniline	8.239	127	1028715	46.432	ng		99
34) Hexachlorobutadiene	8.310	225	551683	48.351	ng		99
35) Caprolactam	8.622	113	248725	48.241	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	880725	47.314	ng		99
37) 2-Methylnaphthalene	8.886	142	1825639	46.064	ng		99
38) 1-Methylnaphthalene	8.986	142	1745465	45.899	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	868619	47.555	ng		100
41) Hexachlorocyclopentadiene	9.039	237	388222	50.930	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	578263	49.010	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	574978	49.213	ng		100
46) 1,1'-Biphenyl	9.351	154	2234592	46.420	ng		100
47) 2-Chloronaphthalene	9.375	162	1672555	47.075	ng		99
48) 2-Nitroaniline	9.463	65	469075	48.211	ng		98
49) Acenaphthylene	9.792	152	2466104	46.294	ng		99
50) Dimethylphthalate	9.651	163	1994958	47.103	ng		100
51) 2,6-Dinitrotoluene	9.710	165	396873	48.926	ng		99
52) Acenaphthene	9.963	154	1689163	46.994	ng		100
53) 3-Nitroaniline	9.880	138	417015	48.300	ng		97
54) 2,4-Dinitrophenol	9.980	184	151706	48.388	ng	#	8
55) Dibenzofuran	10.133	168	2422882	46.312	ng		100
56) 4-Nitrophenol	10.022	139	340020	54.357	ng		98
57) 2,4-Dinitrotoluene	10.110	165	490028	49.405	ng		100
58) Fluorene	10.475	166	1783757	45.518	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	489160	48.140	ng		97
60) Diethylphthalate	10.351	149	1991111	46.896	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	904835	46.084	ng		99
62) 4-Nitroaniline	10.492	138	391399	54.114	ng		98
63) Azobenzene	10.627	77	2087153	46.687	ng		100
65) 4,6-Dinitro-2-methylph...	10.522	198	227493	47.968	ng		95
66) n-Nitrosodiphenylamine	10.586	169	1588976	48.041	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	572161	48.631	ng		100
68) Hexachlorobenzene	11.022	284	605103	48.705	ng		99
69) Atrazine	11.110	200	374540	41.179	ng		99
70) Pentachlorophenol	11.210	266	400352	50.809	ng		100
71) Phenanthrene	11.439	178	2521849	46.806	ng		99
72) Anthracene	11.492	178	2522132	46.707	ng		100
73) Carbazole	11.639	167	2220778	46.572	ng		100
74) Di-n-butylphthalate	11.974	149	2839813	46.982	ng		100
75) Fluoranthene	12.627	202	2499217	45.269	ng		99
77) Benzidine	12.739	184	305582	42.453	ng		99
78) Pyrene	12.857	202	2484995	50.178	ng		100
80) Butylbenzylphthalate	13.474	149	929464	51.657	ng		99
81) Benzo(a)anthracene	14.039	228	1777948	47.067	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	520451	48.021	ng		99
83) Chrysene	14.080	228	1694396	48.659	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1159761	51.766	ng		100
85) Di-n-octyl phthalate	14.645	149	1865081	55.606	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	1740850	52.510	ng		100
88) Benzo(b)fluoranthene	15.092	252	1603729	45.220	ng		100
89) Benzo(k)fluoranthene	15.121	252	1516995	50.326	ng		100
90) Benzo(a)pyrene	15.462	252	1379319	48.495	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	1423862	52.616	ng		99
92) Benzo(g,h,i)perylene	17.474	276	1469480	53.005	ng		99

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

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