Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141085.D
Acq On : 08 Jan 2025 15:52
Operator : RC/JU
Sample : Q1023-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HT2651MSD

Quant Time: Jan 08 16:13:26 2025
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 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	197081	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	775659	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	401315	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	669996	20.000	ng		0.00
76) Chrysene-d12	13.992	240	386475	20.000	ng		0.00
86) Perylene-d12	15.451	264	454821	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1838317	140.604	ng		0.04
7) Phenol-d6	6.463	99	2132422	126.608	ng		0.01
23) Nitrobenzene-d5	7.393	82	1471548	121.376	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	699379	179.346	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	2543018	100.959	ng		0.00
79) Terphenyl-d14	12.933	244	2301251	98.903	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.758	88	271900	45.935	ng	#	83
3) Pyridine	3.463	79	585372	40.466	ng		97
4) n-Nitrosodimethylamine	3.393	42	364505	49.732	ng		99
6) Aniline	6.569	93	694588	46.240	ng	#	53
8) 2-Chlorophenol	6.616	128	746159	54.130	ng		96
9) Benzaldehyde	6.381	77	126621	8.955	ng		97
10) Phenol	6.475	94	820376	47.106	ng		98
11) bis(2-Chloroethyl)ether	6.569	93	694588	49.394	ng		97
12) 1,3-Dichlorobenzene	6.775	146	758309	49.847	ng		99
13) 1,4-Dichlorobenzene	6.851	146	776510	50.634	ng		99
14) 1,2-Dichlorobenzene	6.998	146	747428	52.273	ng		99
15) Benzyl Alcohol	6.975	79	665799	55.010	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1046409	49.205	ng		94
17) 2-Methylphenol	7.087	107	606878	52.994	ng		98
18) Hexachloroethane	7.345	117	286565	52.602	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	539521	52.287	ng		99
20) 3+4-Methylphenols	7.234	107	725616	50.070	ng	#	86
22) Acetophenone	7.240	105	973326	51.152	ng		95
24) Nitrobenzene	7.416	77	791736	58.443	ng		95
25) Isophorone	7.657	82	1412897	53.555	ng		99
26) 2-Nitrophenol	7.728	139	402579	69.806	ng		97
27) 2,4-Dimethylphenol	7.763	122	604024	62.646	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	864051	51.692	ng		99
29) 2,4-Dichlorophenol	7.969	162	614993	56.239	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	638661	51.600	ng		100
31) Naphthalene	8.134	128	2120333	51.877	ng		99
32) Benzoic acid	7.893	122	507536	61.406	ng		98
33) 4-Chloroaniline	8.204	127	47990m	3.246	ng		
34) Hexachlorobutadiene	8.251	225	385031	52.768	ng		100
35) Caprolactam	8.581	113	189853m	51.070	ng		
36) 4-Chloro-3-methylphenol	8.657	107	657470	54.138	ng		99
37) 2-Methylnaphthalene	8.822	142	1372110	52.476	ng		99
38) 1-Methylnaphthalene	8.922	142	1289646	50.186	ng		100
40) 1,2,4,5-Tetrachloroben...	8.987	216	614462	55.654	ng		99
41) Hexachlorocyclopentadiene	8.975	237	742420	202.916	ng		100
43) 2,4,6-Trichlorophenol	9.098	196	429258	58.417	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	459184	61.073	ng		99
46) 1,1'-Biphenyl	9.287	154	1672133	54.416	ng		99
47) 2-Chloronaphthalene	9.310	162	1272771	53.406	ng		99
48) 2-Nitroaniline	9.404	65	382707	60.089	ng		95
49) Acenaphthylene	9.728	152	1960792	57.154	ng		100
50) Dimethylphthalate	9.592	163	1495575	56.657	ng		100
51) 2,6-Dinitrotoluene	9.651	165	345229	62.901	ng		93
52) Acenaphthene	9.898	154	1480523	63.834	ng		100
53) 3-Nitroaniline	9.816	138	84657	16.742	ng	#	91
54) 2,4-Dinitrophenol	9.922	184	411912	141.737	ng	#	1
55) Dibenzofuran	10.069	168	1788888	54.883	ng		99
56) 4-Nitrophenol	9.981	139	525262	116.326	ng		97
57) 2,4-Dinitrotoluene	10.051	165	457592	67.451	ng		95
58) Fluorene	10.416	166	1319705	52.212	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	394843	63.410	ng		97
60) Diethylphthalate	10.292	149	1445115	55.453	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	650579	53.492	ng		99
62) 4-Nitroaniline	10.422	138	103362	19.787	ng		91
63) Azobenzene	10.563	77	1419974	51.912	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	259036	87.437	ng		93
66) n-Nitrosodiphenylamine	10.528	169	1193490	56.569	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	444099	61.316	ng		95
68) Hexachlorobenzene	10.957	284	482921	60.469	ng		98
69) Atrazine	11.063	200	357285	60.617	ng		99
70) Pentachlorophenol	11.157	266	614249	123.534	ng		99
71) Phenanthrene	11.375	178	2021254	57.320	ng		100
72) Anthracene	11.428	178	1997770	57.818	ng		100
73) Carbazole	11.581	167	1590415	47.881	ng		100
74) Di-n-butylphthalate	11.916	149	2060941	54.551	ng		100
75) Fluoranthene	12.563	202	1903165	49.763	ng		98
78) Pyrene	12.792	202	1872012	55.385	ng		100
80) Butylbenzylphthalate	13.416	149	692806	56.133	ng		98
81) Benzo(a)anthracene	13.980	228	1388476	51.549	ng		99
83) Chrysene	14.016	228	1357759	55.918	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	842856	52.647	ng		100
85) Di-n-octyl phthalate	14.592	149	1529115	65.991	ng		97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1835840	64.068	ng		97
88) Benzo(b)fluoranthene	15.033	252	1592155	50.192	ng		98
89) Benzo(k)fluoranthene	15.057	252	1353674	54.448	ng		99
90) Benzo(a)pyrene	15.392	252	1421880	57.750	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	1483311	63.859	ng		99
92) Benzo(g,h,i)perylene	17.357	276	1340118	55.626	ng		98

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

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