Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141168.D
Acq On : 15 Jan 2025 11:45
Operator : RC/JU
Sample : PB166008BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166008BSD

Quant Time: Jan 15 12:05:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	146493	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	573218	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	303733	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	523103	20.000	ng		0.00
76) Chrysene-d12	13.986	240	352265	20.000	ng		0.00
86) Perylene-d12	15.445	264	315042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1191168	125.611	ng		0.01
7) Phenol-d6	6.445	99	1481195	123.308	ng		0.00
23) Nitrobenzene-d5	7.381	82	935790	86.537	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	485556	140.300	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1701144	85.527	ng		0.00
79) Terphenyl-d14	12.933	244	2030008	85.652	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	161811	38.317	ng		99
3) Pyridine	3.369	79	407919	39.391	ng		98
4) n-Nitrosodimethylamine	3.322	42	224460	44.329	ng		99
6) Aniline	6.481	93	368371	34.541	ng		95
8) 2-Chlorophenol	6.604	128	476447	46.830	ng		97
9) Benzaldehyde	6.369	77	59584	8.422	ng		99
10) Phenol	6.463	94	563229	43.802	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	425393	44.391	ng		97
12) 1,3-Dichlorobenzene	6.763	146	486450	42.869	ng		99
13) 1,4-Dichlorobenzene	6.839	146	496989	43.463	ng		100
14) 1,2-Dichlorobenzene	6.992	146	477271	44.746	ng		97
15) Benzyl Alcohol	6.963	79	407897	47.021	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	569617	42.597	ng		96
17) 2-Methylphenol	7.069	107	374825	45.633	ng		99
18) Hexachloroethane	7.334	117	179970	43.522	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	311520	44.025	ng		98
20) 3+4-Methylphenols	7.222	107	464890	44.862	ng		92
22) Acetophenone	7.228	105	613904	45.051	ng	#	95
24) Nitrobenzene	7.404	77	483875	42.934	ng		99
25) Isophorone	7.639	82	834967	45.182	ng		99
26) 2-Nitrophenol	7.716	139	246833	48.147	ng		96
27) 2,4-Dimethylphenol	7.751	122	372767	53.906	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	506889	43.706	ng		100
29) 2,4-Dichlorophenol	7.957	162	378796	46.123	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	399531	42.560	ng		99
31) Naphthalene	8.128	128	1342221	44.402	ng		100
32) Benzoic acid	7.869	122	301840	45.503	ng		99
33) 4-Chloroaniline	8.169	127	181657	17.376	ng		100
34) Hexachlorobutadiene	8.245	225	244002	43.136	ng		99
35) Caprolactam	8.539	113	125953m	46.843	ng		
36) 4-Chloro-3-methylphenol	8.657	107	414723	46.173	ng		99
37) 2-Methylnaphthalene	8.816	142	859861	44.638	ng		99
38) 1-Methylnaphthalene	8.916	142	810751	42.706	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	395512	45.369	ng		99
41) Hexachlorocyclopentadiene	8.969	237	493924	173.176	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	284957	48.466	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	275833	44.421	ng	99
46) 1,1'-Biphenyl	9.280	154	1060310	44.951	ng	99
47) 2-Chloronaphthalene	9.304	162	807364	43.945	ng	99
48) 2-Nitroaniline	9.398	65	257049	47.199	ng	98
49) Acenaphthylene	9.722	152	1266501	48.251	ng	100
50) Dimethylphthalate	9.586	163	922601	45.246	ng	99
51) 2,6-Dinitrotoluene	9.645	165	213078	44.936	ng	98
52) Acenaphthene	9.892	154	944214	51.489	ng	99
53) 3-Nitroaniline	9.810	138	116646	24.207	ng	97
54) 2,4-Dinitrophenol	9.916	184	246347	109.300	ng	93
55) Dibenzofuran	10.069	168	1139644	45.689	ng	99
56) 4-Nitrophenol	9.975	139	382439	101.340	ng	98
57) 2,4-Dinitrotoluene	10.045	165	300331	49.147	ng	98
58) Fluorene	10.410	166	880610	45.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	250789	48.589	ng	98
60) Diethylphthalate	10.286	149	894747	44.947	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	415307	43.971	ng	99
62) 4-Nitroaniline	10.427	138	223076	47.299	ng	97
63) Azobenzene	10.563	77	880722	44.838	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	164988	54.429	ng	96
66) n-Nitrosodiphenylamine	10.522	169	780044	46.232	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	274603	45.596	ng	99
68) Hexachlorobenzene	10.957	284	309895	46.224	ng	99
69) Atrazine	11.051	200	268869	59.183	ng	99
70) Pentachlorophenol	11.151	266	406356	94.648	ng	98
71) Phenanthrene	11.374	178	1354541	48.232	ng	99
72) Anthracene	11.422	178	1370985	50.206	ng	100
73) Carbazole	11.574	167	1234170	49.290	ng	100
74) Di-n-butylphthalate	11.910	149	1330469	46.431	ng	100
75) Fluoranthene	12.557	202	1425111	50.852	ng	99
77) Benzidine	12.680	184	309034	47.307	ng	100
78) Pyrene	12.786	202	1457548	43.320	ng	99
80) Butylbenzylphthalate	13.410	149	519534	46.314	ng	99
81) Benzo(a)anthracene	13.974	228	1055112	44.011	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	222070	29.091	ng	99
83) Chrysene	14.015	228	1036107	46.189	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	618113	45.923	ng	100
85) Di-n-octyl phthalate	14.586	149	901223	44.340	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1040888	45.097	ng	98
88) Benzo(b)fluoranthene	15.021	252	898719	44.239	ng	100
89) Benzo(k)fluoranthene	15.051	252	880050	51.261	ng	100
90) Benzo(a)pyrene	15.386	252	837709	49.980	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	825053	44.196	ng	98
92) Benzo(g,h,i)perylene	17.339	276	790679	40.720	ng	98

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

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