Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141181.D
Acq On : 16 Jan 2025 13:21
Operator : RC/JU
Sample : PB166074BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166074BS

Quant Time: Jan 16 13:43:54 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	6.816	152	139254	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	573376	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	309852	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	544489	20.000	ng		0.00
76) Chrysene-d12	13.986	240	391544	20.000	ng		0.00
86) Perylene-d12	15.451	264	324946	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1256489	139.387	ng		0.00
7) Phenol-d6	6.446	99	1595311	139.712	ng		0.00
23) Nitrobenzene-d5	7.381	82	1029810	95.206	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	569271	161.241	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1944736	95.842	ng		0.00
79) Terphenyl-d14	12.933	244	2427999	92.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	168665	42.017	ng		99
3) Pyridine	3.369	79	427050	43.382	ng		97
4) n-Nitrosodimethylamine	3.316	42	237797	49.405	ng		97
6) Aniline	6.475	93	436851	43.091	ng		96
8) 2-Chlorophenol	6.598	128	506555	52.377	ng		97
9) Benzaldehyde	6.363	77	160394	23.850	ng		98
10) Phenol	6.457	94	600436	49.123	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	463350	50.866	ng		97
12) 1,3-Dichlorobenzene	6.751	146	520665	48.270	ng		99
13) 1,4-Dichlorobenzene	6.834	146	526817	48.467	ng		99
14) 1,2-Dichlorobenzene	6.981	146	509391	50.240	ng		98
15) Benzyl Alcohol	6.957	79	441337	53.520	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	644182	50.677	ng		96
17) 2-Methylphenol	7.069	107	407974	52.251	ng		98
18) Hexachloroethane	7.328	117	193910	49.331	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	344687	51.245	ng		99
20) 3+4-Methylphenols	7.222	107	507008	51.469	ng	#	82
22) Acetophenone	7.222	105	670212	49.170	ng	#	93
24) Nitrobenzene	7.398	77	521721	46.279	ng		99
25) Isophorone	7.640	82	942105	50.965	ng		98
26) 2-Nitrophenol	7.710	139	258557	50.420	ng		95
27) 2,4-Dimethylphenol	7.751	122	411465	59.486	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	574914	49.557	ng		100
29) 2,4-Dichlorophenol	7.951	162	416709	50.725	ng		100
30) 1,2,4-Trichlorobenzene	8.040	180	435983	46.430	ng		100
31) Naphthalene	8.122	128	1440732	47.647	ng		100
32) Benzoic acid	7.869	122	324560	48.914	ng		100
33) 4-Chloroaniline	8.163	127	226330	21.643	ng		99
34) Hexachlorobutadiene	8.240	225	273608	48.357	ng		98
35) Caprolactam	8.534	113	135635m	50.430	ng		
36) 4-Chloro-3-methylphenol	8.651	107	467000	51.979	ng		98
37) 2-Methylnaphthalene	8.810	142	957803	49.709	ng		100
38) 1-Methylnaphthalene	8.910	142	896055	47.187	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	442182	49.721	ng		99
41) Hexachlorocyclopentadiene	8.969	237	569030	195.570	ng		99
43) 2,4,6-Trichlorophenol	9.087	196	321791	53.649	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	304105	48.007	ng	99
46) 1,1'-Biphenyl	9.281	154	1182521	49.142	ng	99
47) 2-Chloronaphthalene	9.304	162	895019	47.754	ng	100
48) 2-Nitroaniline	9.398	65	283950	51.109	ng	99
49) Acenaphthylene	9.716	152	1413974	52.806	ng	100
50) Dimethylphthalate	9.581	163	1089247	52.364	ng	100
51) 2,6-Dinitrotoluene	9.639	165	242668	50.166	ng	96
52) Acenaphthene	9.892	154	1053712	56.325	ng	99
53) 3-Nitroaniline	9.804	138	147119	29.928	ng	98
54) 2,4-Dinitrophenol	9.916	184	272811	118.651	ng	95
55) Dibenzofuran	10.063	168	1286970	50.576	ng	99
56) 4-Nitrophenol	9.969	139	421753	109.551	ng	94
57) 2,4-Dinitrotoluene	10.045	165	331260	53.138	ng	97
58) Fluorene	10.404	166	1004321	50.803	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	283146	53.774	ng	99
60) Diethylphthalate	10.281	149	1069265	52.653	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	491996	51.062	ng	98
62) 4-Nitroaniline	10.422	138	246411	51.215	ng	95
63) Azobenzene	10.557	77	1031960	51.500	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	185993	58.949	ng	99
66) n-Nitrosodiphenylamine	10.516	169	908887	51.752	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	323645	51.629	ng	98
68) Hexachlorobenzene	10.951	284	360032	51.594	ng	100
69) Atrazine	11.045	200	321719	68.034	ng	99
70) Pentachlorophenol	11.145	266	466726	104.439	ng	100
71) Phenanthrene	11.369	178	1546589	52.908	ng	100
72) Anthracene	11.422	178	1555748	54.734	ng	100
73) Carbazole	11.575	167	1378382	52.887	ng	100
74) Di-n-butylphthalate	11.910	149	1658134	55.593	ng	100
75) Fluoranthene	12.557	202	1620899	55.566	ng	99
77) Benzidine	12.675	184	420531	57.917	ng	98
78) Pyrene	12.786	202	1656083	44.283	ng	99
80) Butylbenzylphthalate	13.410	149	673149	53.988	ng	98
81) Benzo(a)anthracene	13.974	228	1277252	47.933	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	239537	28.231	ng	100
83) Chrysene	14.016	228	1247123	50.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	863885	57.744	ng	100
85) Di-n-octyl phthalate	14.592	149	1355285	59.991	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1185660	49.804	ng	98
88) Benzo(b)fluoranthene	15.027	252	1081322	51.606	ng	99
89) Benzo(k)fluoranthene	15.057	252	1029784	58.155	ng	100
90) Benzo(a)pyrene	15.386	252	980914	56.740	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	952489	49.468	ng	98
92) Benzo(g,h,i)perylene	17.351	276	891076	44.492	ng	99

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

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