Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141172.D
Acq On : 15 Jan 2025 13:38
Operator : RC/JU
Sample : PB166061BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166061BS

Quant Time: Jan 15 14:09:20 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	125655	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	494978	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	264175	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	452645	20.000	ng		0.00
76) Chrysene-d12	13.986	240	303424	20.000	ng		0.00
86) Perylene-d12	15.445	264	262459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1127705	138.640	ng		0.01
7) Phenol-d6	6.445	99	1424904	138.293	ng		0.00
23) Nitrobenzene-d5	7.381	82	892254	95.554	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	468311	155.580	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1639957	94.797	ng		0.00
79) Terphenyl-d14	12.933	244	1970268	96.512	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	156795	43.287	ng		100
3) Pyridine	3.363	79	388416	43.728	ng		98
4) n-Nitrosodimethylamine	3.316	42	215018	49.507	ng		99
6) Aniline	6.481	93	353898	38.687	ng		98
8) 2-Chlorophenol	6.604	128	457309	52.403	ng		96
9) Benzaldehyde	6.363	77	55655	9.171	ng		99
10) Phenol	6.463	94	557434	50.540	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	406930	49.507	ng		98
12) 1,3-Dichlorobenzene	6.757	146	472098	48.504	ng		99
13) 1,4-Dichlorobenzene	6.839	146	481103	49.051	ng		99
14) 1,2-Dichlorobenzene	6.987	146	459155	50.186	ng		99
15) Benzyl Alcohol	6.963	79	383977	51.604	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	550143	47.963	ng		97
17) 2-Methylphenol	7.069	107	364075	51.675	ng		99
18) Hexachloroethane	7.334	117	172983	48.770	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	298704	49.215	ng		97
20) 3+4-Methylphenols	7.222	107	456394	51.345	ng		91
22) Acetophenone	7.228	105	594750	50.545	ng	#	95
24) Nitrobenzene	7.404	77	470238	48.319	ng		99
25) Isophorone	7.639	82	811569	50.857	ng		99
26) 2-Nitrophenol	7.716	139	236745	53.479	ng		97
27) 2,4-Dimethylphenol	7.751	122	361074	60.469	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	492644	49.192	ng		99
29) 2,4-Dichlorophenol	7.957	162	371144	52.334	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	389479	48.047	ng		99
31) Naphthalene	8.128	128	1300768	49.832	ng		99
32) Benzoic acid	7.869	122	286894	50.086	ng		99
33) 4-Chloroaniline	8.169	127	186433	20.652	ng		99
34) Hexachlorobutadiene	8.239	225	235776	48.271	ng		99
35) Caprolactam	8.539	113	121929m	52.514	ng		
36) 4-Chloro-3-methylphenol	8.657	107	403179	51.983	ng		99
37) 2-Methylnaphthalene	8.816	142	845856	50.852	ng		100
38) 1-Methylnaphthalene	8.916	142	784309	47.844	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	385980	50.905	ng		99
41) Hexachlorocyclopentadiene	8.969	237	465991	187.848	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	272398	53.267	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	270073	50.006	ng	99
46) 1,1'-Biphenyl	9.280	154	1016465	49.545	ng	99
47) 2-Chloronaphthalene	9.304	162	777411	48.651	ng	100
48) 2-Nitroaniline	9.398	65	247443	52.239	ng	99
49) Acenaphthylene	9.722	152	1221518	53.506	ng	99
50) Dimethylphthalate	9.586	163	893858	50.400	ng	99
51) 2,6-Dinitrotoluene	9.645	165	207427	50.295	ng	99
52) Acenaphthene	9.892	154	918132	57.563	ng	100
53) 3-Nitroaniline	9.810	138	120126	28.662	ng	97
54) 2,4-Dinitrophenol	9.916	184	239218	122.030	ng	97
55) Dibenzofuran	10.069	168	1106789	51.016	ng	99
56) 4-Nitrophenol	9.969	139	364246	110.972	ng	94
57) 2,4-Dinitrotoluene	10.045	165	288706	54.319	ng	99
58) Fluorene	10.410	166	853769	50.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	242021	53.911	ng	99
60) Diethylphthalate	10.286	149	860679	49.710	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	412896	50.262	ng	99
62) 4-Nitroaniline	10.427	138	212430	51.787	ng	98
63) Azobenzene	10.563	77	854110	49.994	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	159388	60.767	ng	94
66) n-Nitrosodiphenylamine	10.522	169	760298	52.076	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	265942	51.032	ng	98
68) Hexachlorobenzene	10.957	284	308124	53.114	ng	98
69) Atrazine	11.045	200	256384	65.219	ng	99
70) Pentachlorophenol	11.151	266	392836	105.741	ng	99
71) Phenanthrene	11.369	178	1319932	54.316	ng	100
72) Anthracene	11.422	178	1332321	56.385	ng	99
73) Carbazole	11.574	167	1198881	55.334	ng	99
74) Di-n-butylphthalate	11.910	149	1286652	51.891	ng	100
75) Fluoranthene	12.557	202	1388188	57.245	ng	99
77) Benzidine	12.680	184	268054	47.639	ng	100
78) Pyrene	12.786	202	1436638	49.572	ng	100
80) Butylbenzylphthalate	13.410	149	508795	52.657	ng	98
81) Benzo(a)anthracene	13.974	228	1046000	50.654	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	214412	32.609	ng	100
83) Chrysene	14.015	228	998963	51.701	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	604164	52.112	ng	99
85) Di-n-octyl phthalate	14.586	149	881079	50.327	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	975311	50.722	ng	98
88) Benzo(b)fluoranthene	15.021	252	939329	55.502	ng	100
89) Benzo(k)fluoranthene	15.051	252	767255	53.645	ng	99
90) Benzo(a)pyrene	15.386	252	809001	57.937	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	792781	50.976	ng	98
92) Benzo(g,h,i)perylene	17.339	276	723237	44.709	ng	99

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

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