Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141183.D
Acq On : 16 Jan 2025 14:14
Operator : RC/JU
Sample : PB166033BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Quant Time: Jan 16 14:37:18 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	145451	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	579745	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	316390	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	547331	20.000	ng		0.00
76) Chrysene-d12	13.986	240	396431	20.000	ng		0.00
86) Perylene-d12	15.445	264	344702	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	879028	93.360	ng		0.00
7) Phenol-d6	6.440	99	1107780	92.882	ng		0.00
23) Nitrobenzene-d5	7.381	82	1049765	95.984	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	380897	105.656	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	1979294	95.530	ng		0.00
79) Terphenyl-d14	12.933	244	2411012	90.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	173956	41.489	ng		99
3) Pyridine	3.369	79	447067	43.481	ng		96
4) n-Nitrosodimethylamine	3.322	42	245009	48.734	ng		99
6) Aniline	6.475	93	433160	40.907	ng		97
8) 2-Chlorophenol	6.598	128	524096	51.882	ng		97
9) Benzaldehyde	6.363	77	171327	24.390	ng		97
10) Phenol	6.457	94	637164	49.907	ng		96
11) bis(2-Chloroethyl)ether	6.551	93	478677	50.309	ng		97
12) 1,3-Dichlorobenzene	6.751	146	535825	47.559	ng		100
13) 1,4-Dichlorobenzene	6.834	146	546982	48.178	ng		99
14) 1,2-Dichlorobenzene	6.981	146	522667	49.353	ng		98
15) Benzyl Alcohol	6.957	79	456712	53.025	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	662889	49.927	ng		98
17) 2-Methylphenol	7.069	107	423885	51.975	ng		99
18) Hexachloroethane	7.328	117	203221	49.497	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	359791	51.211	ng		99
20) 3+4-Methylphenols	7.222	107	523281	50.858	ng	#	83
22) Acetophenone	7.222	105	693960	50.353	ng	#	93
24) Nitrobenzene	7.398	77	541641	47.519	ng		99
25) Isophorone	7.640	82	979464	52.404	ng		99
26) 2-Nitrophenol	7.710	139	272979	52.648	ng		96
27) 2,4-Dimethylphenol	7.751	122	426337	60.959	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	589125	50.224	ng		100
29) 2,4-Dichlorophenol	7.951	162	434576	52.319	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	452720	47.683	ng		99
31) Naphthalene	8.122	128	1509542	49.374	ng		99
32) Benzoic acid	7.875	122	338811	50.501	ng		97
33) 4-Chloroaniline	8.163	127	209658	19.829	ng		99
34) Hexachlorobutadiene	8.240	225	281753	49.249	ng		99
35) Caprolactam	8.540	113	138922m	51.085	ng		
36) 4-Chloro-3-methylphenol	8.651	107	478863	52.714	ng		99
37) 2-Methylnaphthalene	8.810	142	994680	51.055	ng		100
38) 1-Methylnaphthalene	8.910	142	928639	48.365	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	453432	49.932	ng		98
41) Hexachlorocyclopentadiene	8.969	237	590646	198.804	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	328808	53.687	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	319761	49.435	ng	99
46) 1,1'-Biphenyl	9.281	154	1222418	49.751	ng	99
47) 2-Chloronaphthalene	9.304	162	925244	48.347	ng	99
48) 2-Nitroaniline	9.398	65	293543	51.744	ng	99
49) Acenaphthylene	9.716	152	1453718	53.168	ng	100
50) Dimethylphthalate	9.581	163	1116248	52.553	ng	99
51) 2,6-Dinitrotoluene	9.639	165	246736	49.953	ng	95
52) Acenaphthene	9.892	154	1091014	57.114	ng	99
53) 3-Nitroaniline	9.804	138	150065	29.897	ng	97
54) 2,4-Dinitrophenol	9.916	184	285921	121.783	ng	95
55) Dibenzofuran	10.063	168	1321122	50.845	ng	99
56) 4-Nitrophenol	9.969	139	436294	110.986	ng	95
57) 2,4-Dinitrotoluene	10.045	165	341705	53.680	ng	97
58) Fluorene	10.404	166	1022349	50.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	295102	54.887	ng	100
60) Diethylphthalate	10.281	149	1093604	52.739	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	501027	50.925	ng	97
62) 4-Nitroaniline	10.422	138	253886	51.678	ng	96
63) Azobenzene	10.557	77	1054432	51.534	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	198081	62.454	ng	98
66) n-Nitrosodiphenylamine	10.516	169	927421	52.534	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	335291	53.209	ng	99
68) Hexachlorobenzene	10.951	284	370243	52.781	ng	99
69) Atrazine	11.045	200	326028	68.588	ng	99
70) Pentachlorophenol	11.145	266	478115	106.432	ng	99
71) Phenanthrene	11.369	178	1563458	53.207	ng	100
72) Anthracene	11.422	178	1602727	56.094	ng	100
73) Carbazole	11.575	167	1425054	54.394	ng	100
74) Di-n-butylphthalate	11.910	149	1697004	56.600	ng	100
75) Fluoranthene	12.557	202	1667541	56.868	ng	99
77) Benzidine	12.680	184	440775	59.957	ng	99
78) Pyrene	12.786	202	1689167	44.611	ng	99
80) Butylbenzylphthalate	13.410	149	695393	55.084	ng	99
81) Benzo(a)anthracene	13.974	228	1411740	52.327	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	247878	28.854	ng	100
83) Chrysene	14.016	228	1241041	49.161	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	896119	59.161	ng	100
85) Di-n-octyl phthalate	14.592	149	1429606	62.501	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1259019	49.855	ng	98
88) Benzo(b)fluoranthene	15.027	252	1125096	50.617	ng	100
89) Benzo(k)fluoranthene	15.057	252	1129506	60.131	ng	100
90) Benzo(a)pyrene	15.386	252	1038941	56.652	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1009805	49.439	ng	98
92) Benzo(g,h,i)perylene	17.351	276	941540	44.317	ng	99

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

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