Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
Data File : BF141998.D
Acq On : 19 Mar 2025 11:13
Operator : RC/JU
Sample : PB167188BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167188BS

Quant Time: Mar 19 11:41:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	166113	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	646752	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	355612	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	591930	20.000	ng		0.00
76) Chrysene-d12	14.039	240	375141	20.000	ng		0.00
86) Perylene-d12	15.510	264	375629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1286547	129.261	ng		0.02
7) Phenol-d6	6.504	99	1577631	124.493	ng		0.00
23) Nitrobenzene-d5	7.440	82	1061379	92.354	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	653021	144.749	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2222214	95.035	ng		0.00
79) Terphenyl-d14	12.986	244	2380327	93.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	166452	39.913	ng		98
3) Pyridine	3.516	79	390395	38.163	ng		97
4) n-Nitrosodimethylamine	3.463	42	194693	39.926	ng		96
6) Aniline	6.540	93	407846	32.624	ng		97
8) 2-Chlorophenol	6.663	128	487451	44.158	ng		98
9) Benzaldehyde	6.428	77	128119	18.077	ng		98
10) Phenol	6.522	94	561580	42.123	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	427547	42.709	ng		97
12) 1,3-Dichlorobenzene	6.822	146	522728	43.862	ng		99
13) 1,4-Dichlorobenzene	6.898	146	531368	44.068	ng		99
14) 1,2-Dichlorobenzene	7.045	146	504608	44.430	ng		99
15) Benzyl Alcohol	7.016	79	429090	41.883	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471727	39.032	ng		98
17) 2-Methylphenol	7.128	107	383854	43.734	ng		99
18) Hexachloroethane	7.392	117	198555	43.912	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	326043	40.041	ng		99
20) 3+4-Methylphenols	7.281	107	482553	42.924	ng	#	85
22) Acetophenone	7.287	105	732579	47.299	ng		98
24) Nitrobenzene	7.463	77	497021	43.503	ng		98
25) Isophorone	7.698	82	899397	44.273	ng		100
26) 2-Nitrophenol	7.775	139	260119	46.389	ng		99
27) 2,4-Dimethylphenol	7.810	122	415756	53.847	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	540295	42.404	ng		100
29) 2,4-Dichlorophenol	8.016	162	419670	43.790	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	463186	43.856	ng		99
31) Naphthalene	8.181	128	1415199	42.597	ng		100
32) Benzoic acid	7.928	122	336114	49.522	ng		98
33) 4-Chloroaniline	8.228	127	172000	14.666	ng		98
34) Hexachlorobutadiene	8.298	225	317291	46.066	ng		99
35) Caprolactam	8.598	113	131016m	44.840	ng		
36) 4-Chloro-3-methylphenol	8.710	107	448569	41.959	ng		97
37) 2-Methylnaphthalene	8.875	142	916020	41.250	ng		100
38) 1-Methylnaphthalene	8.969	142	894216	41.730	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	546609	50.486	ng		97
41) Hexachlorocyclopentadiene	9.028	237	724223	170.919	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	322737	45.611	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	329207	45.937	ng		98
46) 1,1'-Biphenyl	9.334	154	1327916	49.146	ng		100
47) 2-Chloronaphthalene	9.363	162	908865	45.129	ng		99
48) 2-Nitroaniline	9.457	65	251675	43.160	ng		96
49) Acenaphthylene	9.781	152	1387681	46.433	ng		100
50) Dimethylphthalate	9.639	163	1075797	43.200	ng		100
51) 2,6-Dinitrotoluene	9.698	165	230136	44.385	ng		93
52) Acenaphthene	9.951	154	1038096	49.427	ng		99
53) 3-Nitroaniline	9.863	138	119398	22.702	ng		98
54) 2,4-Dinitrophenol	9.975	184	271649	91.207	ng	#	46
55) Dibenzofuran	10.122	168	1273171	42.425	ng		99
56) 4-Nitrophenol	10.028	139	367794	92.730	ng		96
57) 2,4-Dinitrotoluene	10.104	165	311198	45.953	ng		98
58) Fluorene	10.463	166	996582	43.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	289603	44.409	ng		97
60) Diethylphthalate	10.339	149	1038986	41.842	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	530069	43.932	ng		97
62) 4-Nitroaniline	10.481	138	213141	41.626	ng		99
63) Azobenzene	10.616	77	916791	39.712	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	168234	47.675	ng		96
66) n-Nitrosodiphenylamine	10.575	169	864127	45.112	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	335322	45.107	ng		98
68) Hexachlorobenzene	11.010	284	386465	47.400	ng		96
69) Atrazine	11.098	200	340963	58.064	ng		100
70) Pentachlorophenol	11.204	266	457066	90.985	ng		100
71) Phenanthrene	11.428	178	1404913	43.942	ng		99
72) Anthracene	11.480	178	1455129	45.365	ng		100
73) Carbazole	11.633	167	1189605	43.003	ng		100
74) Di-n-butylphthalate	11.963	149	1504011	40.975	ng		99
75) Fluoranthene	12.616	202	1392061	41.046	ng		99
77) Benzidine	12.733	184	365207	69.777	ng		99
78) Pyrene	12.845	202	1371648	42.269	ng		100
80) Butylbenzylphthalate	13.457	149	524556	41.300	ng		99
81) Benzo(a)anthracene	14.027	228	1088444	44.215	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	220332	30.972	ng		98
83) Chrysene	14.069	228	1015438	45.506	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	739189	42.210	ng		99
85) Di-n-octyl phthalate	14.627	149	1186547	48.696	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1163944	47.901	ng		98
88) Benzo(b)fluoranthene	15.080	252	1140814	44.314	ng		100
89) Benzo(k)fluoranthene	15.110	252	870957	39.533	ng		99
90) Benzo(a)pyrene	15.451	252	947708	47.047	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	953213	47.545	ng		99
92) Benzo(g,h,i)perylene	17.457	276	870750	43.951	ng		98

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

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