Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
Data File : BF141996.D
Acq On : 19 Mar 2025 10:14
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 19 11:07:02 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	224156	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	814596	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	437566	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	723955	20.000	ng	0.00
76) Chrysene-d12	14.039	240	500761	20.000	ng	0.00
86) Perylene-d12	15.516	264	520715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1014913	75.566	ng	0.00
7) Phenol-d6	6.510	99	1230935	71.983	ng	0.00
23) Nitrobenzene-d5	7.445	82	1124561	77.690	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	431190	77.676	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2227289	77.412	ng	0.00
79) Terphenyl-d14	12.986	244	2202637	65.031	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	210086	37.332	ng	98
3) Pyridine	3.416	79	497804	36.062	ng	97
4) n-Nitrosodimethylamine	3.369	42	236178	35.892	ng	96
6) Aniline	6.545	93	580191	34.393	ng	99
8) 2-Chlorophenol	6.669	128	556208	37.340	ng	98
9) Benzaldehyde	6.434	77	303175	31.700	ng	98
10) Phenol	6.522	94	645346	35.872	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	484596	35.873	ng	99
12) 1,3-Dichlorobenzene	6.822	146	613375	38.141	ng	99
13) 1,4-Dichlorobenzene	6.898	146	618577	38.016	ng	99
14) 1,2-Dichlorobenzene	7.051	146	579988	37.844	ng	99
15) Benzyl Alcohol	7.022	79	490730	35.496	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	542242	33.249	ng	99
17) 2-Methylphenol	7.128	107	418874	35.367	ng	99
18) Hexachloroethane	7.393	117	231418	37.928	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	355991	32.398	ng	100
20) 3+4-Methylphenols	7.281	107	528272	34.823	ng	98
22) Acetophenone	7.293	105	728208	37.329	ng	99
24) Nitrobenzene	7.463	77	556422	38.667	ng	99
25) Isophorone	7.698	82	917570	35.861	ng	100
26) 2-Nitrophenol	7.775	139	296766	42.019	ng	100
27) 2,4-Dimethylphenol	7.810	122	368840	37.927	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	581978	36.264	ng	100
29) 2,4-Dichlorophenol	8.016	162	467424	38.723	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	524352	39.418	ng	99
31) Naphthalene	8.187	128	1586752	37.920	ng	100
32) Benzoic acid	7.928	122	359739	42.082	ng	97
33) 4-Chloroaniline	8.228	127	536192	36.299	ng	99
34) Hexachlorobutadiene	8.298	225	354063	40.813	ng	98
35) Caprolactam	8.604	113	127117	34.542	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	490419	36.421	ng	99
37) 2-Methylnaphthalene	8.875	142	1035699	37.030	ng	99
38) 1-Methylnaphthalene	8.975	142	989905	36.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	536630	40.281	ng	99
41) Hexachlorocyclopentadiene	9.028	237	217584	41.733	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	342708	39.362	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	351009	39.806	ng		98
46) 1,1'-Biphenyl	9.339	154	1291564	38.848	ng		99
47) 2-Chloronaphthalene	9.363	162	972882	39.260	ng		99
48) 2-Nitroaniline	9.457	65	270502	37.701	ng		96
49) Acenaphthylene	9.781	152	1419915	38.613	ng		100
50) Dimethylphthalate	9.639	163	1125168	36.720	ng		99
51) 2,6-Dinitrotoluene	9.698	165	247279	38.759	ng		93
52) Acenaphthene	9.951	154	1007449	38.984	ng		99
53) 3-Nitroaniline	9.869	138	240313	37.134	ng		96
54) 2,4-Dinitrophenol	9.969	184	136243	41.071	ng	#	72
55) Dibenzofuran	10.122	168	1402720	37.987	ng		98
56) 4-Nitrophenol	10.022	139	193385	39.625	ng		92
57) 2,4-Dinitrotoluene	10.098	165	317104	38.055	ng		99
58) Fluorene	10.463	166	1064171	37.370	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	307694	38.346	ng		98
60) Diethylphthalate	10.333	149	1110300	36.339	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	559792	37.706	ng		97
62) 4-Nitroaniline	10.481	138	235295	37.346	ng		98
63) Azobenzene	10.616	77	1022149	35.983	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	181977	42.165	ng		95
66) n-Nitrosodiphenylamine	10.575	169	898716	38.362	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	354644	39.006	ng		98
68) Hexachlorobenzene	11.010	284	396197	39.731	ng		97
69) Atrazine	11.098	200	230936	32.155	ng		99
70) Pentachlorophenol	11.204	266	257015	41.832	ng		100
71) Phenanthrene	11.428	178	1483181	37.930	ng		99
72) Anthracene	11.480	178	1486908	37.902	ng		99
73) Carbazole	11.633	167	1251656	36.995	ng		100
74) Di-n-butylphthalate	11.963	149	1596501	35.563	ng		99
75) Fluoranthene	12.616	202	1469710	35.432	ng		99
77) Benzidine	12.733	184	402933	57.673	ng		100
78) Pyrene	12.845	202	1398126	32.277	ng		100
80) Butylbenzylphthalate	13.457	149	572733	33.781	ng		98
81) Benzo(a)anthracene	14.027	228	1293259	39.356	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	417514	43.967	ng		99
83) Chrysene	14.069	228	1116572	37.486	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	850351	36.377	ng		99
85) Di-n-octyl phthalate	14.627	149	1397991	42.981	ng		99
87) Indeno(1,2,3-cd)pyrene	17.010	276	1357631	40.305	ng		98
88) Benzo(b)fluoranthene	15.080	252	1342854	37.628	ng		100
89) Benzo(k)fluoranthene	15.110	252	1110082	36.348	ng		100
90) Benzo(a)pyrene	15.451	252	1062872	38.063	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1124970	40.478	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1116968	40.670	ng		98

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

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