Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
Data File : BF141931.D
Acq On : 12 Mar 2025 10:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 12 11:51:51 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	164449	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	621435	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	348146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	605778	20.000	ng	0.00
76) Chrysene-d12	14.039	240	481594	20.000	ng	0.00
86) Perylene-d12	15.510	264	422923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	771378	78.286	ng	0.00
7) Phenol-d6	6.504	99	950514	75.765	ng	0.00
23) Nitrobenzene-d5	7.445	82	873829	79.132	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	353302	79.992	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1761937	76.967	ng	0.00
79) Terphenyl-d14	12.986	244	2208503	67.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	159042	38.522	ng	99
3) Pyridine	3.416	79	389523	38.463	ng	99
4) n-Nitrosodimethylamine	3.363	42	184273	38.171	ng	100
6) Aniline	6.545	93	454140	36.695	ng	99
8) 2-Chlorophenol	6.669	128	417828	38.234	ng	99
9) Benzaldehyde	6.434	77	267628	38.143	ng	99
10) Phenol	6.516	94	505571	38.306	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	364772	36.807	ng	99
12) 1,3-Dichlorobenzene	6.822	146	449929	38.136	ng	100
13) 1,4-Dichlorobenzene	6.898	146	457684	38.341	ng	100
14) 1,2-Dichlorobenzene	7.051	146	430324	38.273	ng	99
15) Benzyl Alcohol	7.022	79	384745	37.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	415279	34.709	ng	99
17) 2-Methylphenol	7.128	107	320375	36.871	ng	99
18) Hexachloroethane	7.392	117	170661	38.125	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	281413	34.909	ng	99
20) 3+4-Methylphenols	7.281	107	415467	37.330	ng	95
22) Acetophenone	7.292	105	569612	38.275	ng	98
24) Nitrobenzene	7.463	77	427745	38.965	ng	99
25) Isophorone	7.698	82	721655	36.971	ng	99
26) 2-Nitrophenol	7.775	139	218139	40.487	ng	96
27) 2,4-Dimethylphenol	7.810	122	282241	38.044	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	453054	37.005	ng	99
29) 2,4-Dichlorophenol	8.016	162	353771	38.418	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	394814	38.905	ng	99
31) Naphthalene	8.186	128	1238698	38.804	ng	100
32) Benzoic acid	7.916	122	274940	42.159	ng	99
33) 4-Chloroaniline	8.228	127	425659	37.773	ng	100
34) Hexachlorobutadiene	8.304	225	260133	39.306	ng	99
35) Caprolactam	8.598	113	106653	37.989	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	387740	37.747	ng	98
37) 2-Methylnaphthalene	8.875	142	812618	38.085	ng	100
38) 1-Methylnaphthalene	8.975	142	781519	37.956	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	413640	39.024	ng	99
41) Hexachlorocyclopentadiene	9.028	237	171856	41.428	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	272850	39.388	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	270479	38.552	ng		99
46) 1,1'-Biphenyl	9.339	154	1031117	38.980	ng		99
47) 2-Chloronaphthalene	9.363	162	759954	38.544	ng		99
48) 2-Nitroaniline	9.457	65	221467	38.794	ng		97
49) Acenaphthylene	9.781	152	1142019	39.032	ng		100
50) Dimethylphthalate	9.639	163	922073	37.821	ng		100
51) 2,6-Dinitrotoluene	9.698	165	201790	39.753	ng		94
52) Acenaphthene	9.951	154	805141	39.158	ng		99
53) 3-Nitroaniline	9.869	138	204438	39.704	ng		97
54) 2,4-Dinitrophenol	9.969	184	109284	41.352	ng	#	74
55) Dibenzofuran	10.122	168	1123580	38.243	ng		99
56) 4-Nitrophenol	10.016	139	170597	43.934	ng		99
57) 2,4-Dinitrotoluene	10.098	165	270528	40.804	ng		99
58) Fluorene	10.463	166	864779	38.168	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	251127	39.335	ng		97
60) Diethylphthalate	10.333	149	930008	38.257	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	455903	38.596	ng		98
62) 4-Nitroaniline	10.480	138	208211	41.535	ng		99
63) Azobenzene	10.616	77	853737	37.774	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	154648	42.823	ng		96
66) n-Nitrosodiphenylamine	10.575	169	738374	37.666	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	289702	38.079	ng		99
68) Hexachlorobenzene	11.010	284	321187	38.493	ng		99
69) Atrazine	11.098	200	197072	32.793	ng		99
70) Pentachlorophenol	11.204	266	221968	43.176	ng		99
71) Phenanthrene	11.427	178	1260955	38.538	ng		99
72) Anthracene	11.480	178	1264363	38.516	ng		100
73) Carbazole	11.633	167	1135803	40.120	ng		100
74) Di-n-butylphthalate	11.963	149	1426682	37.980	ng		99
75) Fluoranthene	12.616	202	1394563	40.179	ng		99
77) Benzidine	12.733	184	424714	63.210	ng		100
78) Pyrene	12.845	202	1403910	33.701	ng		99
80) Butylbenzylphthalate	13.457	149	570029	34.960	ng		99
81) Benzo(a)anthracene	14.027	228	1171992	37.086	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	383617	42.005	ng		99
83) Chrysene	14.068	228	1115589	38.943	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	772514	34.362	ng		99
85) Di-n-octyl phthalate	14.627	149	1194710	38.193	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1058431	38.688	ng		98
88) Benzo(b)fluoranthene	15.080	252	1015154	35.023	ng		100
89) Benzo(k)fluoranthene	15.110	252	993652	40.059	ng		99
90) Benzo(a)pyrene	15.451	252	866392	38.201	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	869970	38.541	ng		99
92) Benzo(g,h,i)perylene	17.456	276	887990	39.809	ng		98

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

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