Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
Data File : BF141266.D
Acq On : 27 Jan 2025 11:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 27 12:27:38 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	6.804	152	186497	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	695145	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	363655	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	596765	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	372986	20.000	ng		-0.01
86) Perylene-d12	15.439	264	408140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	892561	73.933	ng		-0.01
7) Phenol-d6	6.434	99	1101880	72.054	ng		-0.01
23) Nitrobenzene-d5	7.369	82	999809	76.241	ng		-0.02
42) 2,4,6-Tribromophenol	10.633	330	346224	83.556	ng		-0.02
45) 2-Fluorobiphenyl	9.169	172	1834844	77.048	ng		-0.01
79) Terphenyl-d14	12.921	244	1866435	74.375	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	199056	37.026	ng		97
3) Pyridine	3.240	79	480434	36.442	ng		96
4) n-Nitrosodimethylamine	3.193	42	228782	35.491	ng		95
6) Aniline	6.469	93	474200	34.926	ng		97
8) 2-Chlorophenol	6.592	128	485625	37.493	ng		97
9) Benzaldehyde	6.357	77	332389	36.905	ng		97
10) Phenol	6.451	94	586820	35.847	ng		94
11) bis(2-Chloroethyl)ether	6.545	93	453508	37.174	ng		96
12) 1,3-Dichlorobenzene	6.745	146	557610	38.600	ng		99
13) 1,4-Dichlorobenzene	6.822	146	558324	38.354	ng		100
14) 1,2-Dichlorobenzene	6.981	146	523453	38.549	ng		97
15) Benzyl Alcohol	6.945	79	406050	36.767	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	589287	34.615	ng		95
17) 2-Methylphenol	7.057	107	384572	36.777	ng		99
18) Hexachloroethane	7.316	117	204332	38.815	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	321882	35.732	ng		96
20) 3+4-Methylphenols	7.216	107	476260	36.101	ng	#	80
22) Acetophenone	7.216	105	624856	37.812	ng		97
24) Nitrobenzene	7.392	77	522095	38.200	ng		98
25) Isophorone	7.628	82	850660	37.957	ng		99
26) 2-Nitrophenol	7.704	139	253492	40.773	ng		99
27) 2,4-Dimethylphenol	7.739	122	322900	38.505	ng		99
28) bis(2-Chloroethoxy)met...	7.839	93	547877	38.954	ng		99
29) 2,4-Dichlorophenol	7.945	162	394891	39.649	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	454061	39.885	ng		99
31) Naphthalene	8.110	128	1416639	38.644	ng		100
32) Benzoic acid	7.857	122	311862	38.767	ng		96
33) 4-Chloroaniline	8.157	127	456421	36.001	ng		99
34) Hexachlorobutadiene	8.228	225	282252	41.146	ng		99
35) Caprolactam	8.534	113	123134	37.762	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	418564	38.427	ng		99
37) 2-Methylnaphthalene	8.804	142	900769	38.560	ng		99
38) 1-Methylnaphthalene	8.904	142	883554	38.378	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	424212	40.643	ng		99
41) Hexachlorocyclopentadiene	8.957	237	142226	41.649	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	281515	39.991	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	303808	40.864	ng	98
46) 1,1'-Biphenyl	9.269	154	1111380	39.353	ng	99
47) 2-Chloronaphthalene	9.292	162	865326	39.339	ng	99
48) 2-Nitroaniline	9.386	65	247185	37.909	ng	98
49) Acenaphthylene	9.710	152	1210209	38.509	ng	100
50) Dimethylphthalate	9.569	163	956122	39.163	ng	100
51) 2,6-Dinitrotoluene	9.633	165	227750	40.116	ng	98
52) Acenaphthene	9.880	154	865009	39.397	ng	100
53) 3-Nitroaniline	9.798	138	219851	38.107	ng	99
54) 2,4-Dinitrophenol	9.904	184	114034	42.258	ng	97
55) Dibenzofuran	10.051	168	1167544	39.095	ng	100
56) 4-Nitrophenol	9.957	139	170284	37.687	ng	99
57) 2,4-Dinitrotoluene	10.033	165	294969	40.316	ng	99
58) Fluorene	10.392	166	901522	38.856	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	247715	40.085	ng	97
60) Diethylphthalate	10.269	149	943032	39.567	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	453674	40.119	ng	98
62) 4-Nitroaniline	10.410	138	219614	38.892	ng	99
63) Azobenzene	10.545	77	886438	37.693	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	158489	45.831	ng	92
66) n-Nitrosodiphenylamine	10.504	169	778402	40.440	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	293115	42.662	ng	96
68) Hexachlorobenzene	10.945	284	331118	43.294	ng	96
69) Atrazine	11.033	200	187530	36.183	ng	99
70) Pentachlorophenol	11.139	266	204887	41.831	ng	99
71) Phenanthrene	11.357	178	1275938	39.825	ng	99
72) Anthracene	11.410	178	1237952	39.738	ng	100
73) Carbazole	11.563	167	1115614	39.056	ng	100
74) Di-n-butylphthalate	11.898	149	1385640	42.387	ng	100
75) Fluoranthene	12.545	202	1270873	39.750	ng	99
77) Benzidine	12.669	184	262451	37.944	ng	99
78) Pyrene	12.774	202	1273725	35.754	ng	100
80) Butylbenzylphthalate	13.398	149	488757	41.150	ng	97
81) Benzo(a)anthracene	13.968	228	965169	38.023	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	326456	40.390	ng	99
83) Chrysene	14.004	228	878738	36.997	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	653513	45.856	ng	99
85) Di-n-octyl phthalate	14.586	149	1097381	50.992	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	1144373	38.271	ng	98
88) Benzo(b)fluoranthene	15.021	252	1005816	38.217	ng	100
89) Benzo(k)fluoranthene	15.051	252	873785	39.287	ng	99
90) Benzo(a)pyrene	15.380	252	850557	39.171	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	929780	38.445	ng	99
92) Benzo(g,h,i)perylene	17.339	276	963696	38.310	ng	99

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

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