Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141639.D
Acq On : 14 Feb 2025 15:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 14 15:46:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	108299	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	422251	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	233877	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	392888	20.000	ng		0.00
76) Chrysene-d12	13.951	240	250652	20.000	ng		-0.01
86) Perylene-d12	15.421	264	201903	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	550174	79.644	ng		0.00
7) Phenol-d6	6.434	99	679208	77.792	ng		0.00
23) Nitrobenzene-d5	7.357	82	622443	76.887	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	182516	77.686	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1156919	76.211	ng		0.00
79) Terphenyl-d14	12.892	244	1243142	83.727	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	109517	39.390	ng		98
3) Pyridine	3.205	79	265819	40.178	ng		96
4) n-Nitrosodimethylamine	3.163	42	161651	36.900	ng		93
6) Aniline	6.451	93	276600	33.772	ng	#	84
8) 2-Chlorophenol	6.575	128	297396	39.842	ng		96
9) Benzaldehyde	6.340	77	236344	50.939	ng		97
10) Phenol	6.446	94	346486	38.128	ng		92
11) bis(2-Chloroethyl)ether	6.528	93	273856	40.122	ng		99
12) 1,3-Dichlorobenzene	6.728	146	314616	39.925	ng		98
13) 1,4-Dichlorobenzene	6.804	146	315168	39.145	ng		100
14) 1,2-Dichlorobenzene	6.957	146	300419	40.203	ng		99
15) Benzyl Alcohol	6.934	79	252945	37.779	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	434188	37.160	ng		78
17) 2-Methylphenol	7.051	107	225449	38.596	ng		98
18) Hexachloroethane	7.298	117	117401	39.400	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	202996	38.869	ng		96
20) 3+4-Methylphenols	7.204	107	282264	38.024	ng		96
22) Acetophenone	7.198	105	404605	38.520	ng		96
24) Nitrobenzene	7.375	77	307237	38.919	ng		100
25) Isophorone	7.610	82	511913	39.658	ng		99
26) 2-Nitrophenol	7.687	139	159741	40.672	ng		96
27) 2,4-Dimethylphenol	7.728	122	181789	39.621	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	333926	40.372	ng		100
29) 2,4-Dichlorophenol	7.934	162	246835	39.817	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	267133	39.570	ng		99
31) Naphthalene	8.093	128	865653	39.384	ng		100
32) Benzoic acid	7.869	122	170465	35.769	ng		99
33) 4-Chloroaniline	8.145	127	279595	36.434	ng		99
34) Hexachlorobutadiene	8.204	225	165053	40.726	ng		99
35) Caprolactam	8.522	113	76335	40.442	ng		93
36) 4-Chloro-3-methylphenol	8.634	107	268914	39.160	ng		100
37) 2-Methylnaphthalene	8.781	142	561598	39.264	ng		99
38) 1-Methylnaphthalene	8.881	142	544405	39.299	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	267950	39.600	ng		98
41) Hexachlorocyclopentadiene	8.934	237	74797	33.235	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	171261	39.162	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	183966	38.815	ng	97
46) 1,1'-Biphenyl	9.245	154	703721	38.811	ng	99
47) 2-Chloronaphthalene	9.269	162	525679	39.206	ng	100
48) 2-Nitroaniline	9.375	65	169924	37.763	ng	95
49) Acenaphthylene	9.687	152	760389	38.128	ng	99
50) Dimethylphthalate	9.551	163	626882	39.483	ng	99
51) 2,6-Dinitrotoluene	9.616	165	136136	39.222	ng	98
52) Acenaphthene	9.857	154	506943	37.810	ng	98
53) 3-Nitroaniline	9.787	138	141145	37.783	ng	97
54) 2,4-Dinitrophenol	9.892	184	76095	36.888	ng	97
55) Dibenzofuran	10.028	168	761147	38.677	ng	100
56) 4-Nitrophenol	9.963	139	95320	34.372	ng	91
57) 2,4-Dinitrotoluene	10.016	165	182218	39.436	ng	99
58) Fluorene	10.375	166	585463	38.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	160989	39.454	ng	96
60) Diethylphthalate	10.245	149	619085	39.631	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	288668	39.433	ng	98
62) 4-Nitroaniline	10.398	138	121493	32.028	ng	99
63) Azobenzene	10.522	77	606224	39.036	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	108621	39.799	ng	95
66) n-Nitrosodiphenylamine	10.486	169	502276	39.937	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	178847	40.730	ng	97
68) Hexachlorobenzene	10.922	284	186061	41.150	ng	98
69) Atrazine	11.010	200	126165	33.439	ng	99
70) Pentachlorophenol	11.122	266	106961	36.996	ng	99
71) Phenanthrene	11.334	178	850630	39.332	ng	100
72) Anthracene	11.386	178	849880	39.093	ng	100
73) Carbazole	11.545	167	756976	38.697	ng	100
74) Di-n-butylphthalate	11.869	149	931656	41.247	ng	100
75) Fluoranthene	12.522	202	886818	38.677	ng	100
77) Benzidine	12.663	184	105343	19.056	ng	98
78) Pyrene	12.751	202	891370	41.775	ng	100
80) Butylbenzylphthalate	13.369	149	330685	44.744	ng	99
81) Benzo(a)anthracene	13.945	228	677199	40.644	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	167984	35.196	ng	98
83) Chrysene	13.980	228	606081	39.395	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	400630	48.063	ng	99
85) Di-n-octyl phthalate	14.563	149	573871	48.260	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	547866	43.916	ng	99
88) Benzo(b)fluoranthene	14.998	252	551388	40.672	ng	99
89) Benzo(k)fluoranthene	15.027	252	448363	38.731	ng	99
90) Benzo(a)pyrene	15.363	252	436800	39.819	ng	100
91) Dibenzo(a,h)anthracene	16.880	278	446950	44.215	ng	99
92) Benzo(g,h,i)perylene	17.298	276	473514	44.763	ng	99

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

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