Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031325\
Data File : BP024171.D
Acq On : 13 Mar 2025 10:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 13 11:49:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.764	152	330996	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1338415	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	811311	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1560243	20.000	ng		0.01
76) Chrysene-d12	21.675	240	1695896	20.000	ng		0.02
86) Perylene-d12	25.063	264	1872320	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1616314	77.949	ng		0.00
7) Phenol-d6	6.946	99	2163611	78.028	ng		0.00
23) Nitrobenzene-d5	8.911	82	1885293	79.475	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	829790	81.197	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	4332655	78.744	ng		0.00
79) Terphenyl-d14	19.939	244	6421493	78.162	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	319012	38.812	ng		98
3) Pyridine	3.711	79	875478	38.962	ng		98
4) n-Nitrosodimethylamine	3.623	42	296615	39.518	ng		99
6) Aniline	7.099	93	996069	39.427	ng		99
8) 2-Chlorophenol	7.340	128	868343	38.770	ng		99
9) Benzaldehyde	6.917	77	487054	36.398	ng		99
10) Phenol	6.975	94	1080465	38.599	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	844429	38.253	ng		98
12) 1,3-Dichlorobenzene	7.658	146	925362	38.313	ng		99
13) 1,4-Dichlorobenzene	7.799	146	938164	38.043	ng		99
14) 1,2-Dichlorobenzene	8.117	146	901143	38.079	ng		100
15) Benzyl Alcohol	8.005	79	692761	39.462	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	887389	39.387	ng		97
17) 2-Methylphenol	8.205	107	687510	39.167	ng		99
18) Hexachloroethane	8.834	117	334690	38.254	ng		98
19) n-Nitroso-di-n-propyla...	8.564	70	646163	40.168	ng		99
20) 3+4-Methylphenols	8.534	107	951529	39.457	ng		98
22) Acetophenone	8.581	105	1315436	38.875	ng	#	99
24) Nitrobenzene	8.958	77	926251	39.581	ng		99
25) Isophorone	9.475	82	1626564	40.000	ng		100
26) 2-Nitrophenol	9.663	139	451089	40.354	ng		99
27) 2,4-Dimethylphenol	9.722	122	574507	39.969	ng		100
28) bis(2-Chloroethoxy)met...	9.958	93	1123652	39.279	ng		99
29) 2,4-Dichlorophenol	10.199	162	779715	40.100	ng		99
30) 1,2,4-Trichlorobenzene	10.405	180	827250	38.508	ng		99
31) Naphthalene	10.599	128	2770811	39.054	ng		99
32) Benzoic acid	9.863	122	590853	42.149	ng		99
33) 4-Chloroaniline	10.705	127	1033809	40.717	ng		100
34) Hexachlorobutadiene	10.881	225	470663	38.068	ng		98
35) Caprolactam	11.493	113	264873	41.564	ng		98
36) 4-Chloro-3-methylphenol	11.834	107	905741	43.180	ng		97
37) 2-Methylnaphthalene	12.210	142	1866035	38.932	ng		99
38) 1-Methylnaphthalene	12.428	142	1840085	39.471	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	910390	38.818	ng		100
41) Hexachlorocyclopentadiene	12.563	237	332187	39.294	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	595448	39.951	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	658754	40.302	ng	99
46) 1,1'-Biphenyl	13.228	154	2372057	38.908	ng	99
47) 2-Chloronaphthalene	13.269	162	1800527	39.264	ng	100
48) 2-Nitroaniline	13.475	65	494971	42.201	ng	97
49) Acenaphthylene	14.122	152	2785296	40.141	ng	100
50) Dimethylphthalate	13.857	163	2249113	39.619	ng	100
51) 2,6-Dinitrotoluene	13.975	165	486661	40.744	ng	98
52) Acenaphthene	14.475	154	1749122	39.454	ng	99
53) 3-Nitroaniline	14.304	138	539214	41.797	ng	97
54) 2,4-Dinitrophenol	14.522	184	266632	42.187	ng	98
55) Dibenzofuran	14.810	168	2848254	39.663	ng	100
56) 4-Nitrophenol	14.634	139	465657	43.198	ng	99
57) 2,4-Dinitrotoluene	14.781	165	658978	41.767	ng	99
58) Fluorene	15.475	166	2244338	40.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	580529	40.199	ng	99
60) Diethylphthalate	15.246	149	2293687	40.573	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1090107	39.723	ng	100
62) 4-Nitroaniline	15.493	138	582707	43.066	ng	98
63) Azobenzene	15.769	77	2182033	40.952	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	364570	39.360	ng	98
66) n-Nitrosodiphenylamine	15.693	169	1855220	39.157	ng	100
67) 4-Bromophenyl-phenylether	16.387	248	665669	38.860	ng	98
68) Hexachlorobenzene	16.498	284	791231	39.025	ng	97
69) Atrazine	16.669	200	412759	36.093	ng	98
70) Pentachlorophenol	16.857	266	548868	41.861	ng	99
71) Phenanthrene	17.257	178	3325589	39.016	ng	100
72) Anthracene	17.357	178	3282068	39.535	ng	100
73) Carbazole	17.634	167	3241622	40.491	ng	100
74) Di-n-butylphthalate	18.222	149	3850848	40.519	ng	100
75) Fluoranthene	19.345	202	3926031	39.770	ng	100
77) Benzidine	19.545	184	1055531	56.927	ng	100
78) Pyrene	19.722	202	4107543	38.959	ng	100
80) Butylbenzylphthalate	20.675	149	1748418	40.213	ng	99
81) Benzo(a)anthracene	21.657	228	4146350	39.325	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1449835	41.027	ng	100
83) Chrysene	21.722	228	3917287	38.647	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	2637923	40.209	ng	100
85) Di-n-octyl phthalate	22.898	149	4257281	40.502	ng	99
87) Indeno(1,2,3-cd)pyrene	28.939	276	5103421	39.055	ng	94
88) Benzo(b)fluoranthene	23.998	252	4409444	39.060	ng	98
89) Benzo(k)fluoranthene	24.080	252	4326170	39.177	ng	99
90) Benzo(a)pyrene	24.921	252	3836294	39.080	ng	99
91) Dibenzo(a,h)anthracene	29.015	278	4295311	39.510	ng	99
92) Benzo(g,h,i)perylene	30.145	276	4295501	38.869	ng	99

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

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