Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024243.D
Acq On : 09 Apr 2025 20:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Apr 10 01:01:24 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	7.740	152	287084	20.000	ng	-0.03
21) Naphthalene-d8	10.522	136	1167629	20.000	ng	-0.03
39) Acenaphthene-d10	14.381	164	745990	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1461391	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1456577	20.000	ng	-0.03
86) Perylene-d12	24.980	264	1774706	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1509234	83.918	ng	-0.02
7) Phenol-d6	6.928	99	2009634	83.561	ng	-0.02
23) Nitrobenzene-d5	8.893	82	1722757	83.245	ng	-0.03
42) 2,4,6-Tribromophenol	15.898	330	865387	92.095	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	3956663	78.208	ng	-0.02
79) Terphenyl-d14	19.898	244	6018426	85.292	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	290918	40.808	ng	98
3) Pyridine	3.699	79	790972	40.586	ng	97
4) n-Nitrosodimethylamine	3.605	42	261554	40.177	ng	100
6) Aniline	7.081	93	911265	41.588	ng	98
8) 2-Chlorophenol	7.316	128	807020	41.543	ng	99
9) Benzaldehyde	6.893	77	520280	44.828	ng	98
10) Phenol	6.952	94	1005438	41.412	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	764420	39.926	ng	100
12) 1,3-Dichlorobenzene	7.634	146	855384	40.832	ng	100
13) 1,4-Dichlorobenzene	7.775	146	861602	40.282	ng	98
14) 1,2-Dichlorobenzene	8.093	146	828820	40.380	ng	99
15) Benzyl Alcohol	7.981	79	665865	43.732	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	790420	40.450	ng	97
17) 2-Methylphenol	8.187	107	647425	42.525	ng	99
18) Hexachloroethane	8.816	117	309718	40.814	ng	98
19) n-Nitroso-di-n-propyla...	8.546	70	586911	42.065	ng	99
20) 3+4-Methylphenols	8.510	107	902801	43.162	ng	99
22) Acetophenone	8.557	105	1214940	41.156	ng	99
24) Nitrobenzene	8.934	77	850529	41.661	ng	100
25) Isophorone	9.457	82	1548448	43.649	ng	99
26) 2-Nitrophenol	9.640	139	438933	45.010	ng	99
27) 2,4-Dimethylphenol	9.704	122	540227	43.082	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	1016244	40.721	ng	100
29) 2,4-Dichlorophenol	10.175	162	738339	43.526	ng	100
30) 1,2,4-Trichlorobenzene	10.387	180	759836	40.543	ng	99
31) Naphthalene	10.575	128	2547078	41.152	ng	100
32) Benzoic acid	9.846	122	652732	53.374	ng	97
33) 4-Chloroaniline	10.681	127	965625	43.595	ng	99
34) Hexachlorobutadiene	10.857	225	438635	40.667	ng	99
35) Caprolactam	11.469	113	275552	49.564	ng	98
36) 4-Chloro-3-methylphenol	11.810	107	842270	46.027	ng	99
37) 2-Methylnaphthalene	12.187	142	1757855	42.040	ng	99
38) 1-Methylnaphthalene	12.404	142	1710995	42.070	ng	100
40) 1,2,4,5-Tetrachloroben...	12.557	216	845975	39.230	ng	100
41) Hexachlorocyclopentadiene	12.540	237	261977	33.703	ng	100
43) 2,4,6-Trichlorophenol	12.798	196	584393	42.642	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	644222	42.864	ng	98
46) 1,1'-Biphenyl	13.204	154	2227781	39.741	ng	100
47) 2-Chloronaphthalene	13.245	162	1696678	40.239	ng	99
48) 2-Nitroaniline	13.445	65	497715	46.151	ng	95
49) Acenaphthylene	14.098	152	2680313	42.011	ng	100
50) Dimethylphthalate	13.834	163	2185393	41.867	ng	100
51) 2,6-Dinitrotoluene	13.951	165	474506	43.205	ng	99
52) Acenaphthene	14.445	154	1672351	41.025	ng	99
53) 3-Nitroaniline	14.287	138	528847	44.583	ng	99
54) 2,4-Dinitrophenol	14.492	184	227159	39.089	ng	97
55) Dibenzofuran	14.787	168	2685626	40.673	ng	98
56) 4-Nitrophenol	14.610	139	479403	48.367	ng	100
57) 2,4-Dinitrotoluene	14.751	165	662877	45.693	ng	97
58) Fluorene	15.445	166	2124806	41.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	584379	44.009	ng	100
60) Diethylphthalate	15.222	149	2209545	42.507	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1021081	40.466	ng	99
62) 4-Nitroaniline	15.469	138	573319	46.082	ng	99
63) Azobenzene	15.745	77	2092657	42.713	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	327048	37.697	ng	99
66) n-Nitrosodiphenylamine	15.663	169	1814075	40.878	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	657498	40.979	ng	97
68) Hexachlorobenzene	16.475	284	776475	40.888	ng	99
69) Atrazine	16.634	200	472555	44.117	ng	99
70) Pentachlorophenol	16.828	266	581658	47.363	ng	99
71) Phenanthrene	17.228	178	3232332	40.488	ng	100
72) Anthracene	17.316	178	3223966	41.462	ng	99
73) Carbazole	17.598	167	3196479	42.628	ng	100
74) Di-n-butylphthalate	18.186	149	3903701	43.854	ng	100
75) Fluoranthene	19.304	202	3869566	41.850	ng	99
77) Benzidine	19.504	184	1020809	64.100	ng	99
78) Pyrene	19.680	202	3942980	43.543	ng	100
80) Butylbenzylphthalate	20.633	149	1755848	47.019	ng	97
81) Benzo(a)anthracene	21.610	228	3823065	42.216	ng	100
82) 3,3'-Dichlorobenzidine	21.527	252	1504645	49.574	ng	99
83) Chrysene	21.674	228	3589965	41.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	2585259	45.881	ng	99
85) Di-n-octyl phthalate	22.827	149	4463969	49.446	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	5158569	41.648	ng	94
88) Benzo(b)fluoranthene	23.927	252	4222660	39.463	ng	98
89) Benzo(k)fluoranthene	23.998	252	4060841	38.797	ng	99
90) Benzo(a)pyrene	24.833	252	3822119	41.077	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	4255246	41.295	ng	100
92) Benzo(g,h,i)perylene	30.009	276	4320475m	41.245	ng	

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

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