Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
Data File : BP024080.D
Acq On : 18 Feb 2025 11:08
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 18 11:33:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	375109	20.000	ng		-0.03
21) Naphthalene-d8	10.534	136	1476073	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	836740	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1505362	20.000	ng		0.00
76) Chrysene-d12	21.639	240	1576101	20.000	ng		-0.03
86) Perylene-d12	25.009	264	1611894	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1933661	80.436	ng		-0.02
7) Phenol-d6	6.946	99	2500001	80.912	ng		-0.02
23) Nitrobenzene-d5	8.904	82	2126896	80.387	ng		-0.03
42) 2,4,6-Tribromophenol	15.910	330	805485	78.591	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	4821316	80.553	ng		-0.02
79) Terphenyl-d14	19.916	244	6367752	79.945	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	370473	39.285	ng		100
3) Pyridine	3.711	79	991492	40.439	ng		99
4) n-Nitrosodimethylamine	3.616	42	350863	40.343	ng		100
6) Aniline	7.099	93	1137507	40.200	ng		99
8) 2-Chlorophenol	7.334	128	1016703	39.957	ng		99
9) Benzaldehyde	6.910	77	535821	37.984	ng		100
10) Phenol	6.969	94	1234214	39.724	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	956481	39.085	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1090353	39.007	ng		99
13) 1,4-Dichlorobenzene	7.799	146	1117374	39.526	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1081514	39.864	ng		99
15) Benzyl Alcohol	7.999	79	786908	41.607	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	956407	40.260	ng		99
17) 2-Methylphenol	8.204	107	787730	41.604	ng		100
18) Hexachloroethane	8.834	117	409604	40.234	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	700876	42.189	ng		99
20) 3+4-Methylphenols	8.528	107	1073904	41.693	ng		99
22) Acetophenone	8.575	105	1518093	40.022	ng	#	100
24) Nitrobenzene	8.946	77	1039022	39.903	ng		98
25) Isophorone	9.475	82	1746733	40.371	ng		99
26) 2-Nitrophenol	9.657	139	488117	40.688	ng		99
27) 2,4-Dimethylphenol	9.722	122	629838	39.997	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	1212166	38.673	ng		99
29) 2,4-Dichlorophenol	10.193	162	855245	39.797	ng		100
30) 1,2,4-Trichlorobenzene	10.404	180	957758	38.898	ng		99
31) Naphthalene	10.587	128	3093481	38.976	ng		100
32) Benzoic acid	9.857	122	563443	36.269	ng		99
33) 4-Chloroaniline	10.698	127	1099599	39.327	ng		99
34) Hexachlorobutadiene	10.875	225	550662	38.612	ng		99
35) Caprolactam	11.481	113	254267	36.622	ng		96
36) 4-Chloro-3-methylphenol	11.828	107	884003	40.014	ng		99
37) 2-Methylnaphthalene	12.204	142	2055341	38.962	ng		99
38) 1-Methylnaphthalene	12.422	142	2015186	39.268	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	1015685	39.507	ng		100
41) Hexachlorocyclopentadiene	12.557	237	384742	40.217	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	626404	39.952	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	687546	40.097	ng		99
46) 1,1'-Biphenyl	13.222	154	2554276	39.284	ng		100
47) 2-Chloronaphthalene	13.263	162	1959838	39.873	ng		99
48) 2-Nitroaniline	13.463	65	487141	41.957	ng		97
49) Acenaphthylene	14.122	152	2905774	40.126	ng		99
50) Dimethylphthalate	13.851	163	2266979	38.409	ng		100
51) 2,6-Dinitrotoluene	13.969	165	492881	40.995	ng		99
52) Acenaphthene	14.463	154	1813314	38.884	ng		100
53) 3-Nitroaniline	14.304	138	527802	41.139	ng		99
54) 2,4-Dinitrophenol	14.510	184	241391	35.271	ng		98
55) Dibenzofuran	14.804	168	2970428	39.210	ng		100
56) 4-Nitrophenol	14.628	139	441399	39.829	ng		99
57) 2,4-Dinitrotoluene	14.763	165	640042	40.980	ng		99
58) Fluorene	15.463	166	2347007	39.670	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	587481	39.489	ng		99
60) Diethylphthalate	15.239	149	2263655	38.635	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	1136673	39.032	ng		99
62) 4-Nitroaniline	15.481	138	564708	37.920	ng		99
63) Azobenzene	15.763	77	2183195	39.764	ng		98
65) 4,6-Dinitro-2-methylph...	15.539	198	343093	37.048	ng		97
66) n-Nitrosodiphenylamine	15.681	169	1856788	39.553	ng		100
67) 4-Bromophenyl-phenylether	16.369	248	662234	39.175	ng		99
68) Hexachlorobenzene	16.492	284	764832	38.451	ng		99
69) Atrazine	16.651	200	495529	41.132	ng		99
70) Pentachlorophenol	16.845	266	495557	38.359	ng		99
71) Phenanthrene	17.245	178	3303886	38.929	ng		100
72) Anthracene	17.333	178	3226950	39.677	ng		100
73) Carbazole	17.616	167	3081957	39.772	ng		100
74) Di-n-butylphthalate	18.204	149	3702829	40.952	ng		100
75) Fluoranthene	19.316	202	3722680	38.780	ng		99
77) Benzidine	19.516	184	1116403	58.129	ng		99
78) Pyrene	19.692	202	3933177	39.287	ng		100
80) Butylbenzylphthalate	20.645	149	1535258	40.020	ng		97
81) Benzo(a)anthracene	21.621	228	3905447	39.517	ng		100
82) 3,3'-Dichlorobenzidine	21.545	252	1328926	43.032	ng		98
83) Chrysene	21.686	228	3708959	38.919	ng		100
84) Bis(2-ethylhexyl)phtha...	21.557	149	2337223	40.176	ng		100
85) Di-n-octyl phthalate	22.851	149	3554503	38.226	ng		99
87) Indeno(1,2,3-cd)pyrene	28.862	276	4591219	40.038	ng	#	93
88) Benzo(b)fluoranthene	23.945	252	3981277	38.895	ng		100
89) Benzo(k)fluoranthene	24.021	252	3984968	39.997	ng		100
90) Benzo(a)pyrene	24.857	252	3454506	39.767	ng		99
91) Dibenzo(a,h)anthracene	28.933	278	3859615	40.030	ng		99
92) Benzo(g,h,i)perylene	30.062	276	3871371	39.568	ng		98

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

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