Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 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	7.769	152	345886	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1431681	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	884889	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1703415	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1890510	20.000	ng	0.00
86) Perylene-d12	25.068	264	2037052	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1684007	77.718	ng	0.00
7) Phenol-d6	6.946	99	2306130	79.587	ng	0.00
23) Nitrobenzene-d5	8.916	82	2024575	79.786	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	900293	80.771	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4673436	77.875	ng	0.00
79) Terphenyl-d14	19.945	244	7265750	79.334	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	330202	38.444	ng	98
3) Pyridine	3.711	79	934647	39.805	ng	98
4) n-Nitrosodimethylamine	3.617	42	317162	40.436	ng	95
6) Aniline	7.105	93	1062032	40.229	ng	98
8) 2-Chlorophenol	7.340	128	907280	38.764	ng	99
9) Benzaldehyde	6.916	77	467306	33.419	ng	97
10) Phenol	6.975	94	1153195	39.423	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	901291	39.071	ng	98
12) 1,3-Dichlorobenzene	7.657	146	973406	38.567	ng	99
13) 1,4-Dichlorobenzene	7.799	146	987859	38.333	ng	98
14) 1,2-Dichlorobenzene	8.116	146	947345	38.308	ng	100
15) Benzyl Alcohol	8.005	79	737493	40.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	954998	40.563	ng	97
17) 2-Methylphenol	8.210	107	731525	39.881	ng	99
18) Hexachloroethane	8.840	117	355129	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	697909	41.517	ng	99
20) 3+4-Methylphenols	8.534	107	1007784	39.991	ng	99
22) Acetophenone	8.581	105	1428762	39.473	ng	99
24) Nitrobenzene	8.957	77	995161	39.755	ng	99
25) Isophorone	9.481	82	1748490	40.198	ng	100
26) 2-Nitrophenol	9.663	139	476963	39.890	ng	98
27) 2,4-Dimethylphenol	9.728	122	605571	39.386	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1219055	39.838	ng	99
29) 2,4-Dichlorophenol	10.199	162	832852	40.042	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	878875	38.246	ng	100
31) Naphthalene	10.593	128	2938614	38.721	ng	100
32) Benzoic acid	9.869	122	599657	39.990	ng	98
33) 4-Chloroaniline	10.710	127	1095344	40.331	ng	100
34) Hexachlorobutadiene	10.881	225	506933	38.331	ng	99
35) Caprolactam	11.493	113	287697	42.205	ng	97
36) 4-Chloro-3-methylphenol	11.834	107	923366	41.152	ng	99
37) 2-Methylnaphthalene	12.210	142	2043085	39.849	ng	100
38) 1-Methylnaphthalene	12.428	142	1973244	39.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	970315	37.933	ng	100
41) Hexachlorocyclopentadiene	12.563	237	358938	38.928	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	636076	39.128	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	712074	39.942	ng	99
46) 1,1'-Biphenyl	13.222	154	2577343	38.760	ng	99
47) 2-Chloronaphthalene	13.263	162	1924571	38.479	ng	99
48) 2-Nitroaniline	13.469	65	532768	41.647	ng	95
49) Acenaphthylene	14.116	152	2990433	39.514	ng	100
50) Dimethylphthalate	13.857	163	2420348	39.090	ng	100
51) 2,6-Dinitrotoluene	13.969	165	518178	39.775	ng	95
52) Acenaphthene	14.469	154	1885077	38.985	ng	100
53) 3-Nitroaniline	14.304	138	585180	41.588	ng	96
54) 2,4-Dinitrophenol	14.516	184	285779	41.457	ng	94
55) Dibenzofuran	14.810	168	3081319	39.341	ng	100
56) 4-Nitrophenol	14.628	139	496832	42.258	ng	96
57) 2,4-Dinitrotoluene	14.769	165	708957	41.199	ng	98
58) Fluorene	15.469	166	2450487	40.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	625401	39.705	ng	99
60) Diethylphthalate	15.245	149	2492057	40.417	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1186961	39.656	ng	99
62) 4-Nitroaniline	15.492	138	622117	42.156	ng	99
63) Azobenzene	15.763	77	2394485	41.202	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	398060	39.363	ng	99
66) n-Nitrosodiphenylamine	15.686	169	2043640	39.508	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	720854	38.544	ng	98
68) Hexachlorobenzene	16.504	284	853222	38.545	ng	97
69) Atrazine	16.657	200	447764	35.864	ng	99
70) Pentachlorophenol	16.851	266	586080	40.942	ng	100
71) Phenanthrene	17.251	178	3622819	38.931	ng	100
72) Anthracene	17.345	178	3565540	39.340	ng	100
73) Carbazole	17.622	167	3515758	40.224	ng	100
74) Di-n-butylphthalate	18.222	149	4268189	41.136	ng	100
75) Fluoranthene	19.333	202	4375962	40.602	ng	99
77) Benzidine	19.533	184	1304135	63.094	ng	100
78) Pyrene	19.710	202	4545700	38.676	ng	100
80) Butylbenzylphthalate	20.669	149	1920845	39.631	ng	97
81) Benzo(a)anthracene	21.639	228	4608321	39.207	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	1596696	40.532	ng	99
83) Chrysene	21.716	228	4346749	38.470	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	2996619	40.975	ng	99
85) Di-n-octyl phthalate	22.886	149	4707992	40.179	ng	99
87) Indeno(1,2,3-cd)pyrene	28.921	276	5528343	38.885	ng	99
88) Benzo(b)fluoranthene	23.980	252	4829147	39.318	ng	99
89) Benzo(k)fluoranthene	24.051	252	4728060	39.354	ng	100
90) Benzo(a)pyrene	24.898	252	4184370	39.179	ng	99
91) Dibenzo(a,h)anthracene	28.998	278	4575949	38.688	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4677397	38.902	ng	100

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

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