Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024072.D
Acq On : 17 Feb 2025 13:31
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Feb 18 02:02:19 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 01:47:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	393351	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1570352	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	930913	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1706072	20.000	ng		0.00
76) Chrysene-d12	21.651	240	1892411	20.000	ng		0.00
86) Perylene-d12	25.045	264	1956299	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1035832	41.090	ng		0.00
7) Phenol-d6	6.940	99	1346190	41.549	ng		0.00
23) Nitrobenzene-d5	8.904	82	1143477	40.624	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	447043	39.205	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	2749952	41.297	ng		0.00
79) Terphenyl-d14	19.910	244	3960879	41.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	200498	20.275	ng		100
3) Pyridine	3.711	79	519561	20.187	ng		98
4) n-Nitrosodimethylamine	3.616	42	187617	20.572	ng		97
6) Aniline	7.093	93	618151	20.833	ng		99
8) 2-Chlorophenol	7.328	128	541914	20.310	ng		98
9) Benzaldehyde	6.910	77	346913	23.452	ng		99
10) Phenol	6.969	94	677270	20.787	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	526550	20.519	ng		99
12) 1,3-Dichlorobenzene	7.652	146	594730	20.289	ng		99
13) 1,4-Dichlorobenzene	7.793	146	604858	20.404	ng		99
14) 1,2-Dichlorobenzene	8.110	146	585148	20.568	ng		98
15) Benzyl Alcohol	7.999	79	405612	20.452	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	526749	21.145	ng		98
17) 2-Methylphenol	8.204	107	410347	20.668	ng		98
18) Hexachloroethane	8.834	117	218664	20.482	ng		97
19) n-Nitroso-di-n-propyla...	8.557	70	378883	21.749	ng		99
20) 3+4-Methylphenols	8.528	107	551864	20.432	ng		99
22) Acetophenone	8.575	105	820553	20.334	ng	#	99
24) Nitrobenzene	8.946	77	567224	20.476	ng		99
25) Isophorone	9.469	82	931615	20.239	ng		98
26) 2-Nitrophenol	9.651	139	243796	19.102	ng		96
27) 2,4-Dimethylphenol	9.722	122	334688	19.978	ng		100
28) bis(2-Chloroethoxy)met...	9.946	93	679083	20.365	ng		99
29) 2,4-Dichlorophenol	10.193	162	456514	19.967	ng		100
30) 1,2,4-Trichlorobenzene	10.404	180	526654	20.105	ng		98
31) Naphthalene	10.587	128	1726557	20.448	ng		99
32) Benzoic acid	9.828	122	254899	19.727	ng		97
33) 4-Chloroaniline	10.693	127	607673	20.428	ng		98
34) Hexachlorobutadiene	10.875	225	305325	20.124	ng		99
35) Caprolactam	11.475	113	128622	20.337	ng		93
36) 4-Chloro-3-methylphenol	11.828	107	474767	20.200	ng		97
37) 2-Methylnaphthalene	12.198	142	1143934	20.383	ng		99
38) 1-Methylnaphthalene	12.416	142	1109475	20.321	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	563196	19.690	ng		99
41) Hexachlorocyclopentadiene	12.551	237	205846	19.340	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	345162	19.787	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.892	196	383315	20.093	ng		100
46) 1,1'-Biphenyl	13.216	154	1444899	19.974	ng		99
47) 2-Chloronaphthalene	13.257	162	1103499	20.180	ng		99
48) 2-Nitroaniline	13.463	65	258044	19.977	ng		99
49) Acenaphthylene	14.116	152	1632474	20.262	ng		100
50) Dimethylphthalate	13.845	163	1338599	20.385	ng		99
51) 2,6-Dinitrotoluene	13.963	165	272624	20.381	ng		99
52) Acenaphthene	14.463	154	1048976	20.218	ng		100
53) 3-Nitroaniline	14.292	138	283559	19.866	ng		96
54) 2,4-Dinitrophenol	14.504	184	122329	20.302	ng		97
55) Dibenzofuran	14.798	168	1710130	20.290	ng		99
56) 4-Nitrophenol	14.622	139	232029	18.819	ng		97
57) 2,4-Dinitrotoluene	14.757	165	347384	19.992	ng		91
58) Fluorene	15.457	166	1352679	20.550	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	328728	19.861	ng		99
60) Diethylphthalate	15.234	149	1339709	20.552	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	661448	20.416	ng		98
62) 4-Nitroaniline	15.469	138	299742	19.811	ng		98
63) Azobenzene	15.745	77	1297292	21.238	ng		95
65) 4,6-Dinitro-2-methylph...	15.534	198	176878	20.128	ng		96
66) n-Nitrosodiphenylamine	15.669	169	1089389	20.476	ng		99
67) 4-Bromophenyl-phenylether	16.363	248	384639	20.077	ng		98
68) Hexachlorobenzene	16.481	284	447915	19.869	ng		99
69) Atrazine	16.645	200	298071	21.831	ng		100
70) Pentachlorophenol	16.833	266	271947	18.574	ng		100
71) Phenanthrene	17.233	178	1955736	20.333	ng		100
72) Anthracene	17.328	178	1882122	20.419	ng		99
73) Carbazole	17.604	167	1784273	20.317	ng		100
74) Di-n-butylphthalate	18.198	149	2100553	20.499	ng		99
75) Fluoranthene	19.316	202	2201283	20.233	ng		99
77) Benzidine	19.516	184	225673	9.786	ng		98
78) Pyrene	19.686	202	2285228	19.011	ng		100
80) Butylbenzylphthalate	20.645	149	941827	20.447	ng		95
81) Benzo(a)anthracene	21.627	228	2436640	20.534	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	737056	19.877	ng		98
83) Chrysene	21.692	228	2318584	20.263	ng		99
84) Bis(2-ethylhexyl)phtha...	21.574	149	1437216	20.576	ng		99
85) Di-n-octyl phthalate	22.874	149	2172948	19.462	ng		99
87) Indeno(1,2,3-cd)pyrene	28.892	276	2755086	19.787	ng	#	94
88) Benzo(b)fluoranthene	23.974	252	2472738	19.904	ng		99
89) Benzo(k)fluoranthene	24.039	252	2439900	20.178	ng		99
90) Benzo(a)pyrene	24.880	252	2089246	19.817	ng		100
91) Dibenzo(a,h)anthracene	28.968	278	2322126	19.844	ng		98
92) Benzo(g,h,i)perylene	30.074	276	2352576	19.812	ng		99

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

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