Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	223010	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	946483	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	609743	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1234074	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1401979	20.000	ng		-0.01
86) Perylene-d12	24.968	264	1519057	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	125173	9.263	ng		0.00
7) Phenol-d6	6.916	99	163122	8.824	ng		0.00
23) Nitrobenzene-d5	8.875	82	152286	9.160	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	71560	8.571	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	406060	10.111	ng		0.00
79) Terphenyl-d14	19.886	244	677812	9.638	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	30738	5.328	ng		100
3) Pyridine	3.699	79	70539	4.697	ng		97
4) n-Nitrosodimethylamine	3.599	42	23634	4.720	ng	#	90
6) Aniline	7.069	93	80239	4.808	ng		99
8) 2-Chlorophenol	7.305	128	70239	4.651	ng		98
9) Benzaldehyde	6.887	77	52595m	5.493	ng		
10) Phenol	6.940	94	82245	4.431	ng		97
11) bis(2-Chloroethyl)ether	7.163	93	71228	4.749	ng		97
12) 1,3-Dichlorobenzene	7.622	146	81600	4.987	ng		98
13) 1,4-Dichlorobenzene	7.769	146	83408	5.027	ng		99
14) 1,2-Dichlorobenzene	8.081	146	82066	5.115	ng		98
15) Benzyl Alcohol	7.975	79	47777	4.032	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.258	45	80975	4.962	ng		97
17) 2-Methylphenol	8.175	107	51039	4.267	ng		99
18) Hexachloroethane	8.805	117	29643	4.950	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	56212	4.896	ng		96
20) 3+4-Methylphenols	8.505	107	68264	4.120	ng		99
22) Acetophenone	8.546	105	111159	4.725	ng		99
24) Nitrobenzene	8.922	77	77593	4.709	ng		96
25) Isophorone	9.446	82	136090	4.534	ng		99
26) 2-Nitrophenol	9.628	139	30712	3.882	ng		99
27) 2,4-Dimethylphenol	9.693	122	42510	4.239	ng		94
28) bis(2-Chloroethoxy)met...	9.922	93	97512	4.774	ng		98
29) 2,4-Dichlorophenol	10.169	162	57301	4.193	ng		97
30) 1,2,4-Trichlorobenzene	10.369	180	72789	4.923	ng		98
31) Naphthalene	10.557	128	246999	4.930	ng		99
33) 4-Chloroaniline	10.669	127	77667	4.437	ng		98
34) Hexachlorobutadiene	10.846	225	42723	4.926	ng		99
35) Caprolactam	11.446	113	20082	4.002	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	67116	4.214	ng		100
37) 2-Methylnaphthalene	12.169	142	165617	4.770	ng		99
38) 1-Methylnaphthalene	12.399	142	165656	4.870	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	79501	4.744	ng		100
41) Hexachlorocyclopentadiene	12.528	237	24696	4.198	ng		96
43) 2,4,6-Trichlorophenol	12.787	196	45925	4.165	ng		95
44) 2,4,5-Trichlorophenol	12.863	196	50675	4.147	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.187	154	221653	4.922	ng		99
47) 2-Chloronaphthalene	13.234	162	162099	4.824	ng		99
48) 2-Nitroaniline	13.440	65	38152	4.111	ng		90
49) Acenaphthylene	14.087	152	244566	4.637	ng		99
50) Dimethylphthalate	13.822	163	217848	4.897	ng		100
51) 2,6-Dinitrotoluene	13.934	165	40182	4.287	ng		94
52) Acenaphthene	14.428	154	165694	4.940	ng		97
53) 3-Nitroaniline	14.275	138	38178	3.926	ng	#	94
55) Dibenzofuran	14.769	168	274506	4.991	ng		99
56) 4-Nitrophenol	14.610	139	29033	3.473	ng		98
57) 2,4-Dinitrotoluene	14.745	165	50843	4.013	ng		97
58) Fluorene	15.428	166	209763	4.939	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	49911	4.415	ng		98
60) Diethylphthalate	15.204	149	221119	4.830	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	101636	4.928	ng		99
62) 4-Nitroaniline	15.445	138	40139	3.893	ng		96
63) Azobenzene	15.722	77	193402	4.586	ng		99
66) n-Nitrosodiphenylamine	15.645	169	174867	4.726	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	62558	4.647	ng		97
68) Hexachlorobenzene	16.451	284	76267	4.766	ng		96
69) Atrazine	16.616	200	54439	5.803	ng		98
70) Pentachlorophenol	16.810	266	44119	4.015	ng		98
71) Phenanthrene	17.204	178	338611	5.005	ng		100
72) Anthracene	17.292	178	307065	4.716	ng		99
73) Carbazole	17.586	167	298495	4.711	ng		100
74) Di-n-butylphthalate	18.175	149	354008	4.484	ng		100
75) Fluoranthene	19.292	202	397601	4.951	ng		99
77) Benzidine	19.498	184	50615m	2.925	ng		
78) Pyrene	19.663	202	417746	4.657	ng		99
80) Butylbenzylphthalate	20.622	149	152196	4.024	ng		99
81) Benzo(a)anthracene	21.592	228	418745	4.791	ng		100
82) 3,3'-Dichlorobenzidine	21.516	252	121047	3.994	ng		99
83) Chrysene	21.657	228	413570	4.937	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	223960	4.021	ng		98
85) Di-n-octyl phthalate	22.816	149	331185	3.712	ng		99
87) Indeno(1,2,3-cd)pyrene	28.762	276	475578	4.552	ng	#	92
88) Benzo(b)fluoranthene	23.904	252	429214	4.723	ng		99
89) Benzo(k)fluoranthene	23.968	252	413302	4.686	ng		99
90) Benzo(a)pyrene	24.810	252	356658	4.559	ng		98
91) Dibenzo(a,h)anthracene	28.845	278	397247	4.571	ng		100
92) Benzo(g,h,i)perylene	29.951	276	407522	4.607	ng		99

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

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