Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123024\
Data File : BP023584.D
Acq On : 30 Dec 2024 11:36
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Dec 30 15:59:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP123024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 15:51:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	535683	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2297170	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	1488306	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	3069963	20.000	ng		-0.01
76) Chrysene-d12	21.710	240	3105904	20.000	ng		-0.01
86) Perylene-d12	25.139	264	3530298	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	656290	19.122	ng		0.00
7) Phenol-d6	6.969	99	895307	19.149	ng		0.00
23) Nitrobenzene-d5	8.951	82	767154	18.846	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	304739	17.708	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2085035	20.559	ng		0.00
79) Terphenyl-d14	19.968	244	3410538	22.335	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	138943	10.079	ng		100
3) Pyridine	3.740	79	377450	9.517	ng		97
4) n-Nitrosodimethylamine	3.652	42	131355	9.724	ng	#	98
6) Aniline	7.140	93	424212	10.125	ng		100
8) 2-Chlorophenol	7.381	128	359885	9.763	ng		99
9) Benzaldehyde	6.957	77	305123	11.686	ng		98
10) Phenol	6.999	94	461934	9.714	ng		100
11) bis(2-Chloroethyl)ether	7.240	93	378689	9.967	ng		98
12) 1,3-Dichlorobenzene	7.704	146	437275	10.254	ng		99
13) 1,4-Dichlorobenzene	7.851	146	439455	10.160	ng		98
14) 1,2-Dichlorobenzene	8.163	146	420139	10.117	ng		99
15) Benzyl Alcohol	8.040	79	287217	9.448	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	399782	10.282	ng		99
17) 2-Methylphenol	8.240	107	295280	9.595	ng		97
18) Hexachloroethane	8.893	117	155212	10.054	ng		97
19) n-Nitroso-di-n-propyla...	8.604	70	299105	10.125	ng		98
20) 3+4-Methylphenols	8.557	107	394991	9.489	ng		99
22) Acetophenone	8.622	105	602719	10.060	ng	#	98
24) Nitrobenzene	8.993	77	411472	9.674	ng		96
25) Isophorone	9.522	82	807905	9.906	ng		99
26) 2-Nitrophenol	9.704	139	91293	9.662	ng		94
27) 2,4-Dimethylphenol	9.763	122	245796	9.452	ng		100
28) bis(2-Chloroethoxy)met...	10.004	93	506164	9.883	ng		100
29) 2,4-Dichlorophenol	10.228	162	295840	8.979	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	384951	9.855	ng		99
31) Naphthalene	10.640	128	1262788	9.994	ng		100
32) Benzoic acid	9.816	122	104164m	11.984	ng		
33) 4-Chloroaniline	10.740	127	465227	9.918	ng		99
34) Hexachlorobutadiene	10.934	225	220966	9.754	ng		100
35) Caprolactam	11.469	113	117397	9.177	ng		95
36) 4-Chloro-3-methylphenol	11.857	107	338565	9.130	ng		99
37) 2-Methylnaphthalene	12.251	142	853407	9.815	ng		99
38) 1-Methylnaphthalene	12.469	142	848420	9.932	ng		100
40) 1,2,4,5-Tetrachloroben...	12.616	216	404464	9.628	ng		99
41) Hexachlorocyclopentadiene	12.604	237	108950	9.069	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	208841	8.358	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	245890	8.588	ng		99
46) 1,1'-Biphenyl	13.263	154	1101765	9.841	ng		99
47) 2-Chloronaphthalene	13.298	162	876344	9.849	ng		99
48) 2-Nitroaniline	13.492	65	159211	9.944	ng		95
49) Acenaphthylene	14.157	152	1285554	9.855	ng		99
50) Dimethylphthalate	13.886	163	1080828	10.039	ng		100
51) 2,6-Dinitrotoluene	13.986	165	189552	8.704	ng		90
52) Acenaphthene	14.504	154	851485	9.765	ng		99
53) 3-Nitroaniline	14.316	138	197644	8.465	ng	#	91
54) 2,4-Dinitrophenol	14.528	184	36555	11.004	ng	#	80
55) Dibenzofuran	14.839	168	1313928	10.060	ng		100
56) 4-Nitrophenol	14.616	139	138960	7.075	ng		94
57) 2,4-Dinitrotoluene	14.792	165	213873	10.000	ng		94
58) Fluorene	15.498	166	1112821	10.072	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	207630	8.707	ng		98
60) Diethylphthalate	15.275	149	1102314	9.914	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	532116	9.922	ng		99
62) 4-Nitroaniline	15.492	138	221446	8.504	ng		87
63) Azobenzene	15.798	77	1049817	10.033	ng		99
65) 4,6-Dinitro-2-methylph...	15.563	198	54609	11.392	ng		98
66) n-Nitrosodiphenylamine	15.716	169	919600	9.903	ng		98
67) 4-Bromophenyl-phenylether	16.416	248	324692	9.943	ng		97
68) Hexachlorobenzene	16.528	284	395715	9.878	ng		98
69) Atrazine	16.686	200	288445	11.827	ng		100
70) Pentachlorophenol	16.875	266	168483	7.293	ng		99
71) Phenanthrene	17.280	178	1648401	10.081	ng		99
72) Anthracene	17.375	178	1566212	9.844	ng		100
73) Carbazole	17.651	167	1608326	9.874	ng		98
74) Di-n-butylphthalate	18.263	149	1829568	10.155	ng		99
75) Fluoranthene	19.369	202	1951379	10.186	ng		99
77) Benzidine	19.563	184	450915	8.472	ng		99
78) Pyrene	19.739	202	2079015	10.122	ng		97
80) Butylbenzylphthalate	20.704	149	595208	10.170	ng		91
81) Benzo(a)anthracene	21.686	228	2101036	10.067	ng		99
82) 3,3'-Dichlorobenzidine	21.610	252	652826	9.297	ng		99
83) Chrysene	21.751	228	1964954	10.019	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	1112429	8.602	ng		99
85) Di-n-octyl phthalate	22.992	149	1641208	7.933	ng		98
87) Indeno(1,2,3-cd)pyrene	29.056	276	2344272m	9.427	ng		
88) Benzo(b)fluoranthene	24.062	252	2105320	9.496	ng		98
89) Benzo(k)fluoranthene	24.127	252	2071970	9.572	ng		99
90) Benzo(a)pyrene	24.986	252	1777187	9.333	ng		99
91) Dibenzo(a,h)anthracene	29.150	278	1946429	9.420	ng		99
92) Benzo(g,h,i)perylene	30.268	276	1965774	9.501	ng		100

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

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