Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
Data File : BP021865.D
Acq On : 09 Sep 2024 15:52
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 10 00:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 09 23:51:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	202206	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1091050	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	746997	20.000	ng		0.01
64) Phenanthrene-d10	17.181	188	1658504	20.000	ng	#	0.01
76) Chrysene-d12	21.616	240	1688850	20.000	ng		0.00
86) Perylene-d12	24.945	264	1635859	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1651489	111.230	ng		0.00
7) Phenol-d6	6.946	99	2305084	113.869	ng		0.01
23) Nitrobenzene-d5	8.910	82	2258017	109.107	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	1250488	142.285	ng		0.01
45) 2-Fluorobiphenyl	12.998	172	5470130	119.342	ng		0.00
79) Terphenyl-d14	19.904	244	9702425	117.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	464102	60.650	ng		100
3) Pyridine	3.699	79	1337136m	67.150	ng		
4) n-Nitrosodimethylamine	3.605	42	428854	61.222	ng		91
6) Aniline	7.099	93	965726	54.202	ng		99
8) 2-Chlorophenol	7.334	128	792207	57.067	ng		95
9) Benzaldehyde	6.910	77	494521	43.624	ng		93
10) Phenol	6.969	94	1135924	55.963	ng		100
11) bis(2-Chloroethyl)ether	7.193	93	867067	54.824	ng		98
12) 1,3-Dichlorobenzene	7.657	146	888032	58.594	ng		99
13) 1,4-Dichlorobenzene	7.799	146	905846	59.721	ng		99
14) 1,2-Dichlorobenzene	8.110	146	859881	59.170	ng		99
15) Benzyl Alcohol	7.999	79	797909	60.150	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	782784	56.899	ng		99
17) 2-Methylphenol	8.205	107	764966	60.310	ng		99
18) Hexachloroethane	8.834	117	389015	63.317	ng		100
19) n-Nitroso-di-n-propyla...	8.563	70	647870	58.710	ng		99
20) 3+4-Methylphenols	8.528	107	1112153	63.474	ng		99
22) Acetophenone	8.575	105	1505613	49.728	ng	#	99
24) Nitrobenzene	8.952	77	1149347	54.766	ng		98
25) Isophorone	9.481	82	2614046	64.402	ng		99
26) 2-Nitrophenol	9.657	139	562469	69.729	ng		94
27) 2,4-Dimethylphenol	9.716	122	747322	64.453	ng		95
28) bis(2-Chloroethoxy)met...	9.951	93	1634350	62.516	ng		99
29) 2,4-Dichlorophenol	10.193	162	1006014	66.600	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	1108730	63.458	ng		98
31) Naphthalene	10.587	128	3380194	58.891	ng		99
32) Benzoic acid	9.881	122	919977	60.892	ng		98
33) 4-Chloroaniline	10.693	127	1296254	61.158	ng		99
34) Hexachlorobutadiene	10.875	225	700603	61.691	ng		97
35) Caprolactam	11.493	113	426986	65.410	ng		93
36) 4-Chloro-3-methylphenol	11.822	107	1371998	61.563	ng		98
37) 2-Methylnaphthalene	12.193	142	2312946	61.815	ng		98
38) 1-Methylnaphthalene	12.416	142	2298419	61.703	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1260413	64.257	ng		98
41) Hexachlorocyclopentadiene	12.545	237	426179	66.703	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	849674	67.281	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	956716	66.497	ng		98
46) 1,1'-Biphenyl	13.210	154	3024454	60.025	ng		97
47) 2-Chloronaphthalene	13.251	162	2400227	60.813	ng		97
48) 2-Nitroaniline	13.451	65	867482	65.336	ng		98
49) Acenaphthylene	14.104	152	3603601	60.108	ng		99
50) Dimethylphthalate	13.840	163	3098871	59.456	ng		99
51) 2,6-Dinitrotoluene	13.957	165	730236	63.478	ng		87
52) Acenaphthene	14.451	154	2286796	58.814	ng		97
53) 3-Nitroaniline	14.287	138	755141	65.675	ng		99
54) 2,4-Dinitrophenol	14.498	184	398604	67.848	ng		93
55) Dibenzofuran	14.792	168	3604123	58.348	ng		95
56) 4-Nitrophenol	14.610	139	668094	65.831	ng		94
57) 2,4-Dinitrotoluene	14.757	165	1029556	64.920	ng		96
58) Fluorene	15.451	166	2974591	58.371	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	833355	64.111	ng		94
60) Diethylphthalate	15.222	149	3196750	58.711	ng		98
61) 4-Chlorophenyl-phenyle...	15.445	204	1507295	60.376	ng		91
62) 4-Nitroaniline	15.469	138	812953	64.148	ng		92
63) Azobenzene	15.745	77	3426226	59.109	ng		96
65) 4,6-Dinitro-2-methylph...	15.528	198	564182	69.368	ng		88
66) n-Nitrosodiphenylamine	15.663	169	2598990	59.726	ng		99
67) 4-Bromophenyl-phenylether	16.357	248	1017910	64.974	ng	#	87
68) Hexachlorobenzene	16.481	284	1253398	66.455	ng		95
70) Pentachlorophenol	16.828	266	847542	70.093	ng		98
71) Phenanthrene	17.222	178	4846175	59.167	ng		99
72) Anthracene	17.316	178	4752471	60.462	ng		99
73) Carbazole	17.598	167	4802940	59.419	ng		98
74) Di-n-butylphthalate	18.192	149	5646086	61.227	ng		99
75) Fluoranthene	19.304	202	6313333	61.141	ng		100
77) Benzidine	19.504	184	1963894	65.640	ng		99
78) Pyrene	19.680	202	6587202	60.445	ng		100
80) Butylbenzylphthalate	20.622	149	2708230	61.426	ng		96
81) Benzo(a)anthracene	21.598	228	6426572	60.032	ng		100
82) 3,3'-Dichlorobenzidine	21.521	252	2283317	65.720	ng		99
83) Chrysene	21.669	228	6027009	58.767	ng		100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3821358	59.863	ng		98
85) Di-n-octyl phthalate	22.816	149	5795744	55.728	ng		99
87) Indeno(1,2,3-cd)pyrene	28.774	276	6193088	60.012	ng		99
88) Benzo(b)fluoranthene	23.910	252	5874817	61.956	ng		99
89) Benzo(k)fluoranthene	23.980	252	5409613	59.804	ng		99
90) Benzo(a)pyrene	24.815	252	5075918	62.287	ng		99
91) Dibenzo(a,h)anthracene	28.851	278	5066527	59.827	ng		99
92) Benzo(g,h,i)perylene	29.939	276	5353731	60.308	ng		97

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

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