Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090924\
Data File : BP021862.D
Acq On : 09 Sep 2024 12:15
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Sep 10 00:01:31 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	141045	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	771855	20.000	ng	# 0.00
39) Acenaphthene-d10	14.387	164	528615	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1186345	20.000	ng	0.01
76) Chrysene-d12	21.622	240	1217884	20.000	ng	0.00
86) Perylene-d12	24.957	264	1398128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	384353	37.112	ng	0.00
7) Phenol-d6	6.934	99	552654	39.139	ng	0.00
23) Nitrobenzene-d5	8.905	82	553248	37.788	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	244760	39.355	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	1363441	42.035	ng	0.00
79) Terphenyl-d14	19.898	244	2409417	40.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	122012	22.859	ng	99
3) Pyridine	3.699	79	324583	23.368	ng	97
4) n-Nitrosodimethylamine	3.599	42	113807	23.292	ng	94
6) Aniline	7.093	93	251484	20.235	ng	99
8) 2-Chlorophenol	7.328	128	191347	19.761	ng	100
9) Benzaldehyde	6.911	77	158773	20.080	ng	96
10) Phenol	6.963	94	272219	19.227	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	215353	19.521	ng	98
12) 1,3-Dichlorobenzene	7.652	146	218035	20.625	ng	98
13) 1,4-Dichlorobenzene	7.793	146	217117	20.521	ng	98
14) 1,2-Dichlorobenzene	8.111	146	210802	20.796	ng	98
15) Benzyl Alcohol	7.993	79	190507	20.589	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	205849	21.451	ng	99
17) 2-Methylphenol	8.199	107	184399	20.842	ng	98
18) Hexachloroethane	8.834	117	94334	22.012	ng	94
19) n-Nitroso-di-n-propyla...	8.558	70	164300	21.345	ng	98
20) 3+4-Methylphenols	8.522	107	263019	21.521	ng	99
22) Acetophenone	8.569	105	382644	17.865	ng	99
24) Nitrobenzene	8.946	77	281115	18.934	ng	98
25) Isophorone	9.469	82	614016	21.383	ng	99
26) 2-Nitrophenol	9.652	139	112803	19.767	ng	95
27) 2,4-Dimethylphenol	9.716	122	172681	21.052	ng	99
28) bis(2-Chloroethoxy)met...	9.946	93	407035	22.008	ng	100
29) 2,4-Dichlorophenol	10.187	162	222140	20.788	ng	99
30) 1,2,4-Trichlorobenzene	10.405	180	259811	21.020	ng	97
31) Naphthalene	10.581	128	837892	20.635	ng	99
32) Benzoic acid	9.816	122	177300	20.502	ng	97
33) 4-Chloroaniline	10.693	127	313929	20.936	ng	99
34) Hexachlorobutadiene	10.875	225	161190	20.063	ng	98
35) Caprolactam	11.463	113	91749	19.867	ng	98
36) 4-Chloro-3-methylphenol	11.816	107	320220	20.310	ng	99
37) 2-Methylnaphthalene	12.199	142	562416	21.247	ng	97
38) 1-Methylnaphthalene	12.416	142	562659	21.352	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	288286	20.769	ng	100
41) Hexachlorocyclopentadiene	12.546	237	92957	20.560	ng	96
43) 2,4,6-Trichlorophenol	12.804	196	185404	20.746	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	207810	20.411	ng	97
46) 1,1'-Biphenyl	13.204	154	745493	20.908	ng	98
47) 2-Chloronaphthalene	13.246	162	589797	21.117	ng	98
48) 2-Nitroaniline	13.451	65	193451	20.589	ng	98
49) Acenaphthylene	14.104	152	879529	20.731	ng	99
50) Dimethylphthalate	13.834	163	757934	20.550	ng	99
51) 2,6-Dinitrotoluene	13.951	165	165792	20.366	ng	91
52) Acenaphthene	14.451	154	569557	20.700	ng	100
53) 3-Nitroaniline	14.281	138	168514	20.710	ng	90
54) 2,4-Dinitrophenol	14.493	184	72845	17.522	ng	94
55) Dibenzofuran	14.787	168	899873	20.587	ng	96
56) 4-Nitrophenol	14.604	139	144622	20.138	ng	90
57) 2,4-Dinitrotoluene	14.751	165	223741	19.937	ng	99
58) Fluorene	15.445	166	733957	20.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	183546	19.954	ng	98
60) Diethylphthalate	15.216	149	774374	20.097	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	357868	20.257	ng	93
62) 4-Nitroaniline	15.457	138	182271	20.324	ng	95
63) Azobenzene	15.740	77	876616	21.371	ng	96
65) 4,6-Dinitro-2-methylph...	15.522	198	109695	18.855	ng	97
66) n-Nitrosodiphenylamine	15.663	169	636244	20.440	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	222068	19.816	ng	93
68) Hexachlorobenzene	16.469	284	269885	20.004	ng	100
69) Atrazine	16.634	200	173664	17.690	ng	99
70) Pentachlorophenol	16.822	266	166753	19.279	ng	98
71) Phenanthrene	17.216	178	1200518	20.491	ng	99
72) Anthracene	17.310	178	1141590	20.304	ng	99
73) Carbazole	17.592	167	1187285	20.534	ng	98
74) Di-n-butylphthalate	18.186	149	1307238	19.818	ng	100
75) Fluoranthene	19.304	202	1510891	20.455	ng	99
77) Benzidine	19.504	184	437804	20.292	ng	98
78) Pyrene	19.680	202	1607546	20.455	ng	99
80) Butylbenzylphthalate	20.633	149	624248	19.634	ng	94
81) Benzo(a)anthracene	21.598	228	1574415	20.394	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	504109	20.120	ng	98
83) Chrysene	21.669	228	1521852	20.577	ng	99
84) Bis(2-ethylhexyl)phtha...	21.533	149	911772	19.807	ng	99
85) Di-n-octyl phthalate	22.816	149	1456187	19.416	ng	99
87) Indeno(1,2,3-cd)pyrene	28.739	276	1791997	20.317	ng	98
88) Benzo(b)fluoranthene	23.898	252	1657097	20.447	ng	98
89) Benzo(k)fluoranthene	23.974	252	1593195	20.608	ng	98
90) Benzo(a)pyrene	24.798	252	1423509	20.438	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	1484893	20.515	ng	98
92) Benzo(g,h,i)perylene	29.921	276	1528434m	20.145	ng	

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

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