Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
Data File : BP021854.D
Acq On : 06 Sep 2024 16:05
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 06 23:49:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 06 23:39:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	269981	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1107004	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	712691	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1551386	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1439038	20.000	ng	0.00
86) Perylene-d12	24.945	264	1634160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2273270	118.484	ng	0.00
7) Phenol-d6	6.946	99	3172403	124.204	ng	0.00
23) Nitrobenzene-d5	8.910	82	2916669	122.651	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1045769	123.809	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5337833	120.010	ng	0.00
79) Terphenyl-d14	19.892	244	8392900	119.730	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	489787	57.284	ng	100
3) Pyridine	3.699	79	1352623	58.537	ng	99
4) n-Nitrosodimethylamine	3.605	42	449863	57.638	ng	99
6) Aniline	7.099	93	1366249	59.452	ng	98
8) 2-Chlorophenol	7.334	128	1066116	59.592	ng	98
9) Benzaldehyde	6.910	77	812642	54.840	ng	99
10) Phenol	6.969	94	1602945	62.423	ng	99
11) bis(2-Chloroethyl)ether	7.193	93	1232009	60.331	ng	98
12) 1,3-Dichlorobenzene	7.657	146	1179186	59.321	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1193037	59.461	ng	100
14) 1,2-Dichlorobenzene	8.110	146	1119470	58.478	ng	99
15) Benzyl Alcohol	7.999	79	1095428	62.534	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1115882	59.785	ng	98
17) 2-Methylphenol	8.204	107	1041709	61.818	ng	99
18) Hexachloroethane	8.834	117	497280	60.291	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	888055	61.141	ng	99
20) 3+4-Methylphenols	8.528	107	1460543	62.234	ng	99
22) Acetophenone	8.575	105	1947832	59.541	ng	100
24) Nitrobenzene	8.951	77	1447239	60.160	ng	100
25) Isophorone	9.481	82	2255984	54.554	ng	98
26) 2-Nitrophenol	9.657	139	509551	58.641	ng	97
27) 2,4-Dimethylphenol	9.716	122	654425	55.046	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	1587441	58.220	ng	99
29) 2,4-Dichlorophenol	10.193	162	988192	61.830	ng	100
30) 1,2,4-Trichlorobenzene	10.404	180	1085851	59.591	ng	99
31) Naphthalene	10.587	128	3427072	59.318	ng	100
32) Benzoic acid	9.881	122	704671	56.947	ng	97
33) 4-Chloroaniline	10.693	127	1297360	60.384	ng	99
34) Hexachlorobutadiene	10.875	225	682041	60.298	ng	99
35) Caprolactam	11.504	113	429819	62.956	ng	94
36) 4-Chloro-3-methylphenol	11.822	107	1379764	61.877	ng	99
37) 2-Methylnaphthalene	12.192	142	2296237	60.661	ng	99
38) 1-Methylnaphthalene	12.416	142	2288992	58.149	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	1200316	61.574	ng	100
41) Hexachlorocyclopentadiene	12.545	237	356321	66.811	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	811911	62.393	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	916433	62.200	ng	96
46) 1,1'-Biphenyl	13.210	154	2974601	60.045	ng	99
47) 2-Chloronaphthalene	13.251	162	2343260	60.486	ng	99
48) 2-Nitroaniline	13.451	65	831981	64.898	ng	99
49) Acenaphthylene	14.098	152	3489792	61.217	ng	99
50) Dimethylphthalate	13.839	163	2945819	60.257	ng	100
51) 2,6-Dinitrotoluene	13.951	165	692231	64.121	ng	98
52) Acenaphthene	14.445	154	2204152	60.126	ng	99
53) 3-Nitroaniline	14.286	138	726117	64.910	ng	99
54) 2,4-Dinitrophenol	14.492	184	324974	59.537	ng	99
55) Dibenzofuran	14.786	168	3507755	60.001	ng	100
56) 4-Nitrophenol	14.610	139	641582	66.057	ng	94
57) 2,4-Dinitrotoluene	14.745	165	968056	65.435	ng	99
58) Fluorene	15.445	166	2814963	60.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	766811	59.869	ng	100
60) Diethylphthalate	15.222	149	3049426	61.611	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1401019	61.214	ng	96
62) 4-Nitroaniline	15.463	138	775562	66.035	ng	98
63) Azobenzene	15.733	77	3299583	61.140	ng	99
65) 4,6-Dinitro-2-methylph...	15.533	198	491508	62.554	ng	98
66) n-Nitrosodiphenylamine	15.657	169	2413580	59.771	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	887632	61.091	ng	99
68) Hexachlorobenzene	16.469	284	1058021	60.805	ng	98
69) Atrazine	16.633	200	418298	41.225	ng	98
70) Pentachlorophenol	16.828	266	759865	64.511	ng	99
71) Phenanthrene	17.228	178	4519031	60.082	ng	100
72) Anthracene	17.322	178	4321081	59.701	ng	100
73) Carbazole	17.604	167	4371527	59.300	ng	100
74) Di-n-butylphthalate	18.186	149	4800847	56.899	ng	100
75) Fluoranthene	19.304	202	5586411	59.599	ng	99
77) Benzidine	19.492	184	1313187	49.509	ng	99
78) Pyrene	19.674	202	5753808	60.609	ng	100
80) Butylbenzylphthalate	20.621	149	2405213	62.959	ng	98
81) Benzo(a)anthracene	21.598	228	5453751	59.964	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	1880794	61.193	ng	99
83) Chrysene	21.668	228	5081710	58.788	ng	99
84) Bis(2-ethylhexyl)phtha...	21.533	149	3474179	63.758	ng	100
85) Di-n-octyl phthalate	22.810	149	5806995	64.355	ng	100
87) Indeno(1,2,3-cd)pyrene	28.739	276	6239234	59.525	ng	99
88) Benzo(b)fluoranthene	23.898	252	5808229	62.057	ng	100
89) Benzo(k)fluoranthene	23.974	252	5375652	59.787	ng	100
90) Benzo(a)pyrene	24.798	252	5013875	62.601	ng	99
91) Dibenzo(a,h)anthracene	28.821	278	5117186	59.312	ng	99
92) Benzo(g,h,i)perylene	29.944	276	5422674	60.334	ng	99

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

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