Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009331.D
Acq On : 09 Mar 2022 19:17
Operator : CG/JU
Sample : N1830-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
11986MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 04:11:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	335802	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1513634	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1097269	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2612230	20.000	ng	0.00
76) Chrysene-d12	21.327	240	2962375	20.000	ng	0.00
86) Perylene-d12	23.733	264	3073516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3093492	134.469	ng	0.00
7) Phenol-d6	6.993	99	4024060	137.647	ng	0.00
23) Nitrobenzene-d5	8.969	82	2777526	101.070	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2575794	194.406	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	7002424	87.761	ng	0.00
79) Terphenyl-d14	19.792	244	13075874	83.297	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	328445	33.541	ng	# 50
3) Pyridine	3.752	79	848391	40.649	ng	99
4) n-Nitrosodimethylamine	3.652	42	415478	47.732	ng	99
6) Aniline	7.146	93	1233122	33.300	ng	99
8) 2-Chlorophenol	7.387	128	1328924	56.394	ng	98
9) Benzaldehyde	6.957	77	685868m	36.822	ng	
10) Phenol	7.022	94	1567779	51.788	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	1239308	52.898	ng	98
12) 1,3-Dichlorobenzene	7.710	146	1227939	44.229	ng	99
13) 1,4-Dichlorobenzene	7.852	146	1264484	44.889	ng	100
14) 1,2-Dichlorobenzene	8.169	146	1246948	46.317	ng	99
15) Benzyl Alcohol	8.057	79	1271344	61.664	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1405807	46.228	ng	99
17) 2-Methylphenol	8.263	107	1160949	59.243	ng	99
18) Hexachloroethane	8.899	117	432954	44.161	ng	98
19) n-Nitroso-di-n-propyla...	8.628	70	1036221	58.770	ng	99
20) 3+4-Methylphenols	8.593	107	1612446	61.398	ng	100
22) Acetophenone	8.640	105	1980441	48.946	ng	98
24) Nitrobenzene	9.016	77	1490828	51.188	ng	98
25) Isophorone	9.546	82	3023876	58.826	ng	98
26) 2-Nitrophenol	9.722	139	721747	63.971	ng	97
27) 2,4-Dimethylphenol	9.793	122	1365782	55.039	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	1787623	53.141	ng	99
29) 2,4-Dichlorophenol	10.263	162	1418618	59.273	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	1314684	46.932	ng	100
31) Naphthalene	10.663	128	4053101	48.353	ng	100
32) Benzoic acid	9.946	122	1011438	80.253	ng	97
33) 4-Chloroaniline	10.769	127	550040	16.049	ng	99
34) Hexachlorobutadiene	10.957	225	790575	46.344	ng	99
35) Caprolactam	11.563	113	447314m	63.496	ng	
36) 4-Chloro-3-methylphenol	11.904	107	1620346	64.856	ng	100
37) 2-Methylnaphthalene	12.275	142	3042867	51.093	ng	99
38) 1-Methylnaphthalene	12.492	142	2960775	53.980	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	1651097	44.652	ng	99
41) Hexachlorocyclopentadiene	12.634	237	1395009	59.565	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	1249409	56.273	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	1406469	57.752	ng	99
46) 1,1'-Biphenyl	13.292	154	4175013	46.603	ng	99
47) 2-Chloronaphthalene	13.328	162	3244172	47.809	ng	100
48) 2-Nitroaniline	13.528	65	1069853	68.571	ng	99
49) Acenaphthylene	14.175	152	5673870	54.116	ng	100
50) Dimethylphthalate	13.922	163	4536730	56.057	ng	100
51) 2,6-Dinitrotoluene	14.034	165	1031458	64.539	ng	96
52) Acenaphthene	14.522	154	3812806m	56.742	ng	
53) 3-Nitroaniline	14.357	138	780668	45.985	ng	96
54) 2,4-Dinitrophenol	14.563	184	1061677	155.141	ng	98
55) Dibenzofuran	14.857	168	5296216	52.031	ng	98
56) 4-Nitrophenol	14.675	139	1889863	133.859	ng	99
57) 2,4-Dinitrotoluene	14.822	165	1472298	71.948	ng	98
58) Fluorene	15.510	166	4334721	54.380	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1292899	63.051	ng	96
60) Diethylphthalate	15.292	149	4698705	59.632	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	2233317	55.004	ng	98
62) 4-Nitroaniline	15.528	138	1145701	69.594	ng	99
63) Azobenzene	15.804	77	4318998	55.793	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	727298	63.298	ng	95
66) n-Nitrosodiphenylamine	15.722	169	3995370	48.724	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	1517851	53.857	ng	97
68) Hexachlorobenzene	16.522	284	1736833	52.542	ng	99
69) Atrazine	16.686	200	1549034	53.665	ng	100
70) Pentachlorophenol	16.869	266	2449295	123.106	ng	99
71) Phenanthrene	17.257	178	7512018	50.038	ng	99
72) Anthracene	17.351	178	7600871	50.866	ng	99
73) Carbazole	17.622	167	7339581	53.905	ng	99
74) Di-n-butylphthalate	18.192	149	8870204	58.860	ng	99
75) Fluoranthene	19.239	202	9610558	55.462	ng	99
77) Benzidine	19.416	184	4617014	44.653	ng	100
78) Pyrene	19.592	202	9861436	49.304	ng	99
80) Butylbenzylphthalate	20.480	149	4448117	61.614	ng	95
81) Benzo(a)anthracene	21.310	228	10437382	51.982	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	3624424	49.175	ng	97
83) Chrysene	21.363	228	9495133	48.706	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	6441445	55.788	ng	98
85) Di-n-octyl phthalate	22.174	149	11639661	61.573	ng	99
87) Indeno(1,2,3-cd)pyrene	26.245	276	11041769	46.239	ng	98
88) Benzo(b)fluoranthene	23.004	252	11176678	53.858	ng	99
89) Benzo(k)fluoranthene	23.051	252	10118348	51.038	ng	98
90) Benzo(a)pyrene	23.627	252	10220420	51.927	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	9739733	48.101	ng	98
92) Benzo(g,h,i)perylene	27.015	276	9281011	46.396	ng	98

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

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