Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008690.D
Acq On : 05 Jan 2022 13:53
Operator : CG/JU
Sample : PB141691BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 06 03:02:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141691BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	514675	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	2104257	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1387798	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2924852	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2465006	20.000	ng		-0.01
86) Perylene-d12	23.774	264	2099338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	4578615	162.378	ng		0.00
7) Phenol-d6	7.063	99	4783312	121.874	ng		0.00
23) Nitrobenzene-d5	9.046	82	2843633	80.391	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	2782876	148.212	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	7818177	81.619	ng		-0.01
79) Terphenyl-d14	19.827	244	11920786	98.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	428316	37.601	ng		98
3) Pyridine	3.764	79	1034433	33.290	ng		97
4) n-Nitrosodimethylamine	3.675	42	527155	52.540	ng	#	96
6) Aniline	7.210	93	1000162	21.926	ng		99
8) 2-Chlorophenol	7.452	128	1568416	47.220	ng		99
9) Benzaldehyde	7.022	77	823372	36.860	ng		99
10) Phenol	7.087	94	1809680	45.673	ng		97
11) bis(2-Chloroethyl)ether	7.310	93	1306548	40.886	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1607573	41.347	ng		100
13) 1,4-Dichlorobenzene	7.922	146	1645541	41.610	ng		99
14) 1,2-Dichlorobenzene	8.240	146	1601207	41.444	ng		99
15) Benzyl Alcohol	8.128	79	1243604	44.237	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1383495	38.047	ng		97
17) 2-Methylphenol	8.334	107	1258696	45.651	ng		99
18) Hexachloroethane	8.969	117	543947	42.189	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	968525	38.643	ng		99
20) 3+4-Methylphenols	8.663	107	1701879	43.936	ng		99
22) Acetophenone	8.710	105	2113327	41.882	ng	#	98
24) Nitrobenzene	9.087	77	1448011	42.982	ng		99
25) Isophorone	9.616	82	2675118	40.484	ng		99
26) 2-Nitrophenol	9.799	139	861868	53.865	ng		100
27) 2,4-Dimethylphenol	9.869	122	1434135	49.672	ng		99
28) bis(2-Chloroethoxy)met...	10.099	93	1761120	38.495	ng		99
29) 2,4-Dichlorophenol	10.340	162	1652406	47.287	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	1724562	41.852	ng		99
31) Naphthalene	10.740	128	4566441	41.809	ng		100
32) Benzoic acid	10.040	122	1013032	55.550	ng		99
33) 4-Chloroaniline	10.846	127	532314	11.366	ng		99
34) Hexachlorobutadiene	11.034	225	1045487	41.793	ng		99
35) Caprolactam	11.651	113	494757	43.075	ng		99
36) 4-Chloro-3-methylphenol	11.981	107	1528486	43.758	ng		99
37) 2-Methylnaphthalene	12.345	142	3372741	41.026	ng		99
38) 1-Methylnaphthalene	12.563	142	3110356	38.697	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	1970646	45.073	ng		100
41) Hexachlorocyclopentadiene	12.704	237	2409946	103.656	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	1347931	47.385	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1475704	46.984	ng	99
46) 1,1'-Biphenyl	13.357	154	4466922	43.517	ng	100
47) 2-Chloronaphthalene	13.392	162	3431395	42.654	ng	99
48) 2-Nitroaniline	13.592	65	823511	46.697	ng	99
49) Acenaphthylene	14.240	152	5380754	43.544	ng	100
50) Dimethylphthalate	13.981	163	4406245	41.222	ng	100
51) 2,6-Dinitrotoluene	14.092	165	1008673	45.988	ng	99
52) Acenaphthene	14.587	154	3747694m	46.353	ng	
53) 3-Nitroaniline	14.416	138	398014	17.435	ng	98
54) 2,4-Dinitrophenol	14.628	184	1009915	103.378	ng	99
55) Dibenzofuran	14.922	168	5262948	40.605	ng	99
56) 4-Nitrophenol	14.739	139	1601021	89.062	ng	98
57) 2,4-Dinitrotoluene	14.881	165	1385416	47.339	ng	99
58) Fluorene	15.569	166	4194725	41.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1287394m	45.752	ng	
60) Diethylphthalate	15.345	149	4264530	40.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	2288309	40.671	ng	99
62) 4-Nitroaniline	15.586	138	938309	40.472	ng	98
63) Azobenzene	15.857	77	3382839	40.115	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	700398	47.622	ng	98
66) n-Nitrosodiphenylamine	15.781	169	3792150	42.960	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1537589	48.044	ng	99
68) Hexachlorobenzene	16.581	284	1794003	45.665	ng	96
69) Atrazine	16.733	200	1425693	43.178	ng	99
70) Pentachlorophenol	16.922	266	2108202	98.525	ng	99
71) Phenanthrene	17.310	178	6727485	42.663	ng	99
72) Anthracene	17.404	178	6842866	44.536	ng	100
73) Carbazole	17.675	167	6081892	40.329	ng	100
74) Di-n-butylphthalate	18.228	149	7173074	43.476	ng	99
75) Fluoranthene	19.275	202	7736269	42.652	ng	98
77) Benzidine	19.451	184	1600664	21.614	ng	99
78) Pyrene	19.627	202	7821266	48.772	ng	99
80) Butylbenzylphthalate	20.504	149	3232553	50.538	ng	95
81) Benzo(a)anthracene	21.339	228	6776253	42.374	ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	1647274	28.015	ng	99
83) Chrysene	21.392	228	6552067	43.817	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	4404617	45.586	ng	99
85) Di-n-octyl phthalate	22.198	149	7084216	47.367	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	6551561	46.460	ng	98
88) Benzo(b)fluoranthene	23.039	252	6261086	46.376	ng	100
89) Benzo(k)fluoranthene	23.086	252	5928273	44.171	ng	99
90) Benzo(a)pyrene	23.668	252	5694554	52.321	ng	99
91) Dibenzo(a,h)anthracene	26.327	278	5590455	46.994	ng	98
92) Benzo(g,h,i)perylene	27.086	276	5450189	48.996	ng	98

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

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