Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
Data File : BP010732.D
Acq On : 15 Jun 2022 16:39
Operator : CG/JU
Sample : PB145556BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 00:02:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 00:00:39 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB145556BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
06/16/2022
Supervised By :Yogesh Patel
06/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	80614	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	320772	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	216892	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	477909	20.000	ng		0.00
76) Chrysene-d12	21.316	240	517379	20.000	ng	#	0.00
86) Perylene-d12	23.710	264	512899	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	573826	122.852	ng		0.00
7) Phenol-d6	7.010	99	731031	114.441	ng		0.00
23) Nitrobenzene-d5	8.993	82	528571	77.599	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	433718	146.846	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	1219754	80.902	ng		0.00
79) Terphenyl-d14	19.786	244	2395777	86.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	53776	28.643	ng		96
3) Pyridine	3.722	79	137843	25.966	ng		92
4) n-Nitrosodimethylamine	3.634	42	137521	46.425	ng		91
6) Aniline	7.158	93	273444	36.616	ng		99
8) 2-Chlorophenol	7.399	128	214700	42.334	ng		98
9) Benzaldehyde	6.975	77	97669	25.303	ng		99
10) Phenol	7.034	94	264816	40.182	ng		94
11) bis(2-Chloroethyl)ether	7.258	93	196875	38.876	ng		99
12) 1,3-Dichlorobenzene	7.716	146	237422	40.896	ng		98
13) 1,4-Dichlorobenzene	7.863	146	246122	41.429	ng		97
14) 1,2-Dichlorobenzene	8.181	146	233089	40.757	ng		99
15) Benzyl Alcohol	8.075	79	204215m	40.301	ng		
16) 2,2'-oxybis(1-Chloropr...	8.357	45	346213	40.669	ng		99
17) 2-Methylphenol	8.281	107	180109	40.473	ng		96
18) Hexachloroethane	8.904	117	95989	41.637	ng		93
19) n-Nitroso-di-n-propyla...	8.640	70	173043	38.412	ng		95
20) 3+4-Methylphenols	8.610	107	241918	39.605	ng		99
22) Acetophenone	8.657	105	338367	39.580	ng	#	99
24) Nitrobenzene	9.034	77	270961	39.401	ng		97
25) Isophorone	9.563	82	461916	39.626	ng		99
26) 2-Nitrophenol	9.746	139	118553	41.946	ng		95
27) 2,4-Dimethylphenol	9.810	122	201905	48.730	ng		99
28) bis(2-Chloroethoxy)met...	10.040	93	267921	42.675	ng		99
29) 2,4-Dichlorophenol	10.287	162	216195	44.303	ng		96
30) 1,2,4-Trichlorobenzene	10.493	180	245688	43.559	ng		97
31) Naphthalene	10.675	128	673967	39.374	ng		99
32) Benzoic acid	9.975	122	119884	36.760	ng		99
33) 4-Chloroaniline	10.799	127	203680	30.294	ng		98
34) Hexachlorobutadiene	10.963	225	173556	45.351	ng		96
35) Caprolactam	11.598	113	65080m	39.153	ng		
36) 4-Chloro-3-methylphenol	11.928	107	241094	41.386	ng		98
37) 2-Methylnaphthalene	12.293	142	487974	40.885	ng		98
38) 1-Methylnaphthalene	12.510	142	466176	39.696	ng		97
40) 1,2,4,5-Tetrachloroben...	12.663	216	297742	44.623	ng		99
41) Hexachlorocyclopentadiene	12.640	237	377979	112.448	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	188240	43.482	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	204752	42.522	ng		97
46) 1,1'-Biphenyl	13.304	154	659837	41.251	ng		98
47) 2-Chloronaphthalene	13.345	162	513514	41.028	ng		100
48) 2-Nitroaniline	13.551	65	182263	39.293	ng		98
49) Acenaphthylene	14.192	152	834884	42.076	ng		99
50) Dimethylphthalate	13.934	163	660487	40.058	ng		99
51) 2,6-Dinitrotoluene	14.051	165	145719	41.464	ng		98
52) Acenaphthene	14.534	154	478741	39.789	ng		99
53) 3-Nitroaniline	14.381	138	109310	30.392	ng		98
54) 2,4-Dinitrophenol	14.598	184	186114	81.746	ng		97
55) Dibenzofuran	14.869	168	795864	41.144	ng		99
56) 4-Nitrophenol	14.704	139	235811	87.606	ng		93
57) 2,4-Dinitrotoluene	14.845	165	207089	42.340	ng		96
58) Fluorene	15.522	166	659458	40.914	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	192584	43.920	ng		96
60) Diethylphthalate	15.292	149	688524	40.785	ng		100
61) 4-Chlorophenyl-phenyle...	15.516	204	362248	44.277	ng		95
62) 4-Nitroaniline	15.551	138	149202	40.426	ng		90
63) Azobenzene	15.804	77	675319	39.882	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	122384	40.809	ng		92
66) n-Nitrosodiphenylamine	15.728	169	585270	41.934	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	236579	45.476	ng		97
68) Hexachlorobenzene	16.533	284	279083	46.390	ng	#	92
69) Atrazine	16.692	200	228638	46.063	ng		97
70) Pentachlorophenol	16.881	266	341061	104.033	ng		96
71) Phenanthrene	17.269	178	1069221	40.690	ng		99
72) Anthracene	17.357	178	1082047	42.587	ng		100
73) Carbazole	17.633	167	985082	43.439	ng		100
74) Di-n-butylphthalate	18.186	149	1236718	41.580	ng		99
75) Fluoranthene	19.239	202	1327260	42.680	ng		98
77) Benzidine	19.416	184	750253	74.206	ng		98
78) Pyrene	19.592	202	1373804	39.358	ng		99
80) Butylbenzylphthalate	20.463	149	562488	37.593	ng		95
81) Benzo(a)anthracene	21.298	228	1420264	41.290	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	456685	45.490	ng		98
83) Chrysene	21.351	228	1331187	40.528	ng		100
84) Bis(2-ethylhexyl)phtha...	21.221	149	826179	38.879	ng		99
85) Di-n-octyl phthalate	22.145	149	1383652	38.748	ng		99
87) Indeno(1,2,3-cd)pyrene	26.215	276	1604368	42.989	ng	#	95
88) Benzo(b)fluoranthene	22.980	252	1435762	44.860	ng		98
89) Benzo(k)fluoranthene	23.033	252	1430263m	43.846	ng		
90) Benzo(a)pyrene	23.604	252	1369775	51.124	ng	#	98
91) Dibenzo(a,h)anthracene	26.221	278	1433018	45.907	ng	#	96
92) Benzo(g,h,i)perylene	26.974	276	1415833	45.760	ng	#	96

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

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