Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
Data File : BP005785.D
Acq On : 08 Jun 2021 21:22
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/9/2021 3:53:08 PM

Quant Time: Jun 09 01:23:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 01:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	97599	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	331159	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	201269	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	421834	20.000	ng		0.00
76) Chrysene-d12	21.398	240	419910	20.000	ng		0.00
86) Perylene-d12	23.815	264	499498	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	965403	153.786	ng		0.00
7) Phenol-d6	7.134	99	1260558	147.298	ng		0.01
23) Nitrobenzene-d5	9.128	82	1178102	197.846	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	588065	227.856	ng		0.00
45) 2-Fluorobiphenyl	13.216	172	2508330	164.932	ng		0.00
79) Terphenyl-d14	19.874	244	3645535	162.907	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	211603	73.650	ng		100
3) Pyridine	3.799	79	551388m	77.526	ng		
4) n-Nitrosodimethylamine	3.705	42	242848	76.665	ng		98
6) Aniline	7.287	93	708395	70.811	ng		99
8) 2-Chlorophenol	7.528	128	560721	79.771	ng		99
9) Benzaldehyde	7.098	77	235277	63.500	ng		98
10) Phenol	7.157	94	629944	72.096	ng		99
11) bis(2-Chloroethyl)ether	7.387	93	477797	70.825	ng		99
12) 1,3-Dichlorobenzene	7.851	146	618889	77.567	ng		99
13) 1,4-Dichlorobenzene	7.993	146	633525	78.347	ng		99
14) 1,2-Dichlorobenzene	8.316	146	602291	77.881	ng		99
15) Benzyl Alcohol	8.204	79	495493	80.717	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.493	45	444122	57.510	ng		99
17) 2-Methylphenol	8.404	107	437026	76.833	ng		98
18) Hexachloroethane	9.040	117	231115	80.541	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	386760	71.049	ng		100
20) 3+4-Methylphenols	8.740	107	585285	77.238	ng		97
22) Acetophenone	8.793	105	741277	83.918	ng	#	99
24) Nitrobenzene	9.169	77	611388	92.435	ng		98
25) Isophorone	9.704	82	1081867	81.835	ng		99
26) 2-Nitrophenol	9.881	139	306974	144.485	ng		98
27) 2,4-Dimethylphenol	9.940	122	431179	84.973	ng		97
28) bis(2-Chloroethoxy)met...	10.175	93	557008	78.287	ng		99
29) 2,4-Dichlorophenol	10.416	162	527567	96.667	ng		98
30) 1,2,4-Trichlorobenzene	10.628	180	574572	88.886	ng		98
31) Naphthalene	10.816	128	1633519	82.833	ng		100
33) 4-Chloroaniline	10.928	127	672113	81.849	ng		99
34) Hexachlorobutadiene	11.104	225	390781	96.790	ng		98
35) Caprolactam	11.751	113	152982m	102.359	ng		
36) 4-Chloro-3-methylphenol	12.051	107	525285	91.439	ng		98
37) 2-Methylnaphthalene	12.422	142	1160749	83.068	ng		99
38) 1-Methylnaphthalene	12.639	142	1079270	81.408	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	603145	89.834	ng		99
43) 2,4,6-Trichlorophenol	13.028	196	430666	105.756	ng		98
44) 2,4,5-Trichlorophenol	13.098	196	464663	105.516	ng		96
46) 1,1'-Biphenyl	13.428	154	1376419	84.221	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.469	162	1131355	85.165	ng	99
48) 2-Nitroaniline	13.669	65	322692	124.625	ng	99
49) Acenaphthylene	14.310	152	1738041	83.938	ng	100
50) Dimethylphthalate	14.051	163	1405610	87.801	ng	100
51) 2,6-Dinitrotoluene	14.169	165	331256	110.727	ng	97
52) Acenaphthene	14.651	154	1041598	77.383	ng	99
53) 3-Nitroaniline	14.498	138	324820	110.156	ng	99
55) Dibenzofuran	14.986	168	1686322	81.736	ng	98
56) 4-Nitrophenol	14.804	139	273460	112.688	ng	98
57) 2,4-Dinitrotoluene	14.951	165	444842	124.374	ng	97
58) Fluorene	15.633	166	1285885	77.955	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.210	232	396681m	104.113	ng	
60) Diethylphthalate	15.404	149	1403379	87.369	ng	100
61) 4-Chlorophenyl-phenyle...	15.622	204	658981	79.906	ng	97
62) 4-Nitroaniline	15.657	138	330240	106.750	ng	98
63) Azobenzene	15.916	77	1282806	76.265	ng	98
65) 4,6-Dinitro-2-methylph...	15.716	198	287557	143.064	ng	97
66) n-Nitrosodiphenylamine	15.839	169	1171630	81.511	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	456034	89.740	ng	97
68) Hexachlorobenzene	16.639	284	538004	88.915	ng	98
69) Atrazine	16.792	200	338006	82.284	ng	99
70) Pentachlorophenol	16.980	266	337992	111.376	ng	99
71) Phenanthrene	17.374	178	2089680	79.515	ng	99
72) Anthracene	17.463	178	2066255	79.628	ng	100
73) Carbazole	17.733	167	1977608	77.436	ng	99
74) Di-n-butylphthalate	18.274	149	2346303	85.793	ng	99
75) Fluoranthene	19.327	202	2482002	78.676	ng	99
77) Benzidine	19.504	184	722684	90.623	ng	99
78) Pyrene	19.680	202	2552853	86.159	ng	99
80) Butylbenzylphthalate	20.539	149	1092755	103.138	ng	96
81) Benzo(a)anthracene	21.380	228	2549059	82.717	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	832779	83.663	ng	98
83) Chrysene	21.439	228	2451265	82.144	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1530561	91.443	ng	100
85) Di-n-octyl phthalate	22.227	149	2838419	100.900	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	3614750	85.058	ng	100
88) Benzo(b)fluoranthene	23.080	252	2898366	79.974	ng	100
89) Benzo(k)fluoranthene	23.133	252	2765557	80.530	ng	99
90) Benzo(a)pyrene	23.721	252	2724815	82.645	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	3087140	83.707	ng	100
92) Benzo(g,h,i)perylene	27.174	276	3107558	87.359	ng	99

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

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