Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031019.D
Acq On : 20 Jul 2021 12:01
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 12:44:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:22:19 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:13 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	80271	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	347948	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	249588	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	571536	20.000	ng		0.00
76) Chrysene-d12	21.209	240	658374	20.000	ng		0.00
86) Perylene-d12	23.391	264	689499	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	519104	115.253	ng		0.00
7) Phenol-d6	6.828	99	772849	119.326	ng		0.00
23) Nitrobenzene-d5	8.792	82	829787	119.410	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	411037	125.490	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	2022883	119.317	ng		0.00
79) Terphenyl-d14	19.662	244	4056190	119.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	98034	54.733	ng		94
3) Pyridine	3.622	79	298494m	58.255	ng		
4) n-Nitrosodimethylamine	3.540	42	165129	56.879	ng		93
6) Aniline	6.987	93	404758	58.120	ng		99
8) 2-Chlorophenol	7.210	128	308997	58.188	ng		98
9) Benzaldehyde	6.798	77	203651	53.341	ng		97
10) Phenol	6.851	94	370523	58.775	ng		93
11) bis(2-Chloroethyl)ether	7.081	93	268303	57.167	ng		96
12) 1,3-Dichlorobenzene	7.528	146	324709	56.697	ng		94
13) 1,4-Dichlorobenzene	7.675	146	331483	56.685	ng		97
14) 1,2-Dichlorobenzene	7.987	146	326530	57.274	ng		98
15) Benzyl Alcohol	7.887	79	326842	59.443	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	331366	56.198	ng		97
17) 2-Methylphenol	8.081	107	259644	57.893	ng		96
18) Hexachloroethane	8.704	117	130979	57.447	ng		94
19) n-Nitroso-di-n-propyla...	8.451	70	271731	58.193	ng		99
20) 3+4-Methylphenols	8.416	107	369655	59.079	ng		97
22) Acetophenone	8.457	105	508805	58.495	ng	#	94
24) Nitrobenzene	8.834	77	414627	58.991	ng		99
25) Isophorone	9.357	82	745145	59.520	ng		98
26) 2-Nitrophenol	9.534	139	184828	61.906	ng		94
27) 2,4-Dimethylphenol	9.598	122	271814	57.409	ng		95
28) bis(2-Chloroethoxy)met...	9.839	93	371294	58.221	ng		98
29) 2,4-Dichlorophenol	10.063	162	332201	59.870	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	358239	59.441	ng		99
31) Naphthalene	10.457	128	1055703	58.786	ng		99
32) Benzoic acid	9.781	122	250726	65.210	ng		98
33) 4-Chloroaniline	10.575	127	465124	60.459	ng		98
34) Hexachlorobutadiene	10.739	225	225796	57.404	ng		95
35) Caprolactam	11.386	113	116122m	63.312	ng		
36) 4-Chloro-3-methylphenol	11.704	107	384682	60.787	ng		95
37) 2-Methylnaphthalene	12.075	142	822717	59.688	ng		97
38) 1-Methylnaphthalene	12.298	142	778380	59.129	ng		99
40) 1,2,4,5-Tetrachloroben...	12.445	216	420395	59.261	ng		98
41) Hexachlorocyclopentadiene	12.428	237	219838	54.855	ng		98
43) 2,4,6-Trichlorophenol	12.692	196	302478	61.032	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	333288	61.353	ng		94
46) 1,1'-Biphenyl	13.104	154	1063289	59.852	ng		99
47) 2-Chloronaphthalene	13.139	162	841968	59.752	ng		94
48) 2-Nitroaniline	13.351	65	281421	63.704	ng		93
49) Acenaphthylene	13.992	152	1351958	60.414	ng		99
50) Dimethylphthalate	13.745	163	1120583	59.904	ng		99
51) 2,6-Dinitrotoluene	13.863	165	258242	62.057	ng		89
52) Acenaphthene	14.339	154	845365	60.524	ng		98
53) 3-Nitroaniline	14.192	138	268027	63.730	ng		100
54) 2,4-Dinitrophenol	14.392	184	163272	67.501	ng		94
55) Dibenzofuran	14.674	168	1374216	59.895	ng		95
56) 4-Nitrophenol	14.498	139	236547	64.017	ng		86
57) 2,4-Dinitrotoluene	14.651	165	370928	63.564	ng		88
58) Fluorene	15.327	166	1186699	61.356	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.904	232	309359	61.016	ng		93
60) Diethylphthalate	15.121	149	1213358	60.380	ng		97
61) 4-Chlorophenyl-phenyle...	15.327	204	578220	59.423	ng	#	88
62) 4-Nitroaniline	15.363	138	297113	64.628	ng		90
63) Azobenzene	15.621	77	1203800	60.674	ng		96
65) 4,6-Dinitro-2-methylph...	15.410	198	233518	65.123	ng		83
66) n-Nitrosodiphenylamine	15.545	169	1013164	59.430	ng		100
67) 4-Bromophenyl-phenylether	16.221	248	354473	58.854	ng		94
68) Hexachlorobenzene	16.321	284	402126	59.673	ng		94
69) Atrazine	16.504	200	369390	59.732	ng		96
70) Pentachlorophenol	16.668	266	281265	63.961	ng		98
71) Phenanthrene	17.062	178	1908250	60.386	ng		99
72) Anthracene	17.151	178	1896466	60.830	ng		100
73) Carbazole	17.427	167	1881372	61.555	ng		99
74) Di-n-butylphthalate	18.004	149	2270500	62.349	ng		99
75) Fluoranthene	19.080	202	2427747	62.315	ng		100
77) Benzidine	19.274	184	1103328	64.433	ng		99
78) Pyrene	19.445	202	2512814	59.975	ng		99
80) Butylbenzylphthalate	20.362	149	1131388	63.067	ng		99
81) Benzo(a)anthracene	21.192	228	2634893	60.516	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	766154	64.571	ng		99
83) Chrysene	21.245	228	2555760	60.341	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	1746741	63.339	ng	#	97
85) Di-n-octyl phthalate	22.009	149	2972902	63.711	ng		99
87) Indeno(1,2,3-cd)pyrene	25.580	276	3030038	63.172	ng		100
88) Benzo(b)fluoranthene	22.744	252	2880523	62.732	ng		99
89) Benzo(k)fluoranthene	22.792	252	2581232	58.978	ng		99
90) Benzo(a)pyrene	23.303	252	2540291	61.319	ng		100
91) Dibenzo(a,h)anthracene	25.591	278	2635675	63.596	ng		100
92) Benzo(g,h,i)perylene	26.238	276	2475831	62.970	ng		99

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

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