Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031035.D
Acq On : 20 Jul 2021 22:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/21/2021 11:27:11 AM

Quant Time: Jul 21 01:41:24 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 13:21:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	83311	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	375768	20.000	ng		0.00
39) Acenaphthene-d10	14.268	164	275701	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	637039	20.000	ng		0.00
76) Chrysene-d12	21.203	240	738526	20.000	ng		0.00
86) Perylene-d12	23.386	264	770729	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	388705	83.782	ng		0.00
7) Phenol-d6	6.822	99	573374	85.253	ng		0.00
23) Nitrobenzene-d5	8.786	82	621680	83.068	ng		0.00
42) 2,4,6-Tribromophenol	15.762	330	302671	84.071	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	1514019	81.937	ng		0.00
79) Terphenyl-d14	19.656	244	3112225	83.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	75283	40.382	ng		93
3) Pyridine	3.622	79	225027	42.669	ng		90
4) n-Nitrosodimethylamine	3.540	42	126091	42.066	ng		90
6) Aniline	6.981	93	300155	41.569	ng		99
8) 2-Chlorophenol	7.210	128	227904	41.732	ng		98
9) Benzaldehyde	6.792	77	165564m	41.314	ng		
10) Phenol	6.845	94	277735	42.624	ng		90
11) bis(2-Chloroethyl)ether	7.081	93	198381	41.126	ng		97
12) 1,3-Dichlorobenzene	7.528	146	243808	41.057	ng		96
13) 1,4-Dichlorobenzene	7.675	146	247412	40.940	ng		97
14) 1,2-Dichlorobenzene	7.987	146	244084	41.349	ng		97
15) Benzyl Alcohol	7.881	79	241650	42.681	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	255907	42.404	ng		97
17) 2-Methylphenol	8.081	107	196863	43.185	ng		93
18) Hexachloroethane	8.704	117	99010	42.445	ng		94
19) n-Nitroso-di-n-propyla...	8.445	70	202767	42.689	ng		99
20) 3+4-Methylphenols	8.410	107	278185	43.155	ng		98
22) Acetophenone	8.457	105	382385	41.107	ng	#	95
24) Nitrobenzene	8.834	77	311617	41.235	ng		100
25) Isophorone	9.357	82	553224	41.339	ng		98
26) 2-Nitrophenol	9.528	139	135786	42.672	ng		92
27) 2,4-Dimethylphenol	9.598	122	208906	41.669	ng		94
28) bis(2-Chloroethoxy)met...	9.839	93	283739	42.051	ng		100
29) 2,4-Dichlorophenol	10.057	162	249704	42.106	ng		97
30) 1,2,4-Trichlorobenzene	10.269	180	264976	40.692	ng		98
31) Naphthalene	10.457	128	796591	41.201	ng		99
32) Benzoic acid	9.751	122	181374	42.460	ng		96
33) 4-Chloroaniline	10.569	127	347294	41.637	ng		98
34) Hexachlorobutadiene	10.739	225	170069	40.672	ng		94
35) Caprolactam	11.369	113	86220m	43.250	ng		
36) 4-Chloro-3-methylphenol	11.698	107	291233	43.034	ng		95
37) 2-Methylnaphthalene	12.069	142	615107	41.274	ng		98
38) 1-Methylnaphthalene	12.292	142	582913m	41.077	ng		
40) 1,2,4,5-Tetrachloroben...	12.445	216	312938	40.740	ng		98
41) Hexachlorocyclopentadiene	12.422	237	181817	42.549	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	226597	41.995	ng		100

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44) 2,4,5-Trichlorophenol	12.757	196	249224	41.717	ng	#	93
46) 1,1'-Biphenyl	13.098	154	795588	40.697	ng		100
47) 2-Chloronaphthalene	13.139	162	635336	41.493	ng		95
48) 2-Nitroaniline	13.351	65	213420	43.739	ng		95
49) Acenaphthylene	13.992	152	1019618	41.660	ng		99
50) Dimethylphthalate	13.745	163	850723	41.139	ng		100
51) 2,6-Dinitrotoluene	13.857	165	193750	41.828	ng	#	83
52) Acenaphthene	14.333	154	631372	40.993	ng		98
53) 3-Nitroaniline	14.186	138	203967	43.584	ng		97
54) 2,4-Dinitrophenol	14.392	184	117678	43.076	ng		95
55) Dibenzofuran	14.674	168	1032834	40.889	ng		94
56) 4-Nitrophenol	14.498	139	178453	43.121	ng		86
57) 2,4-Dinitrotoluene	14.645	165	275669	42.739	ng	#	82
58) Fluorene	15.321	166	880950	41.342	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	235148	42.239	ng		93
60) Diethylphthalate	15.115	149	927529	41.836	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	433075	41.043	ng	#	86
62) 4-Nitroaniline	15.357	138	226707	43.916	ng		93
63) Azobenzene	15.615	77	918024	41.602	ng		94
65) 4,6-Dinitro-2-methylph...	15.410	198	168515	42.176	ng		89
66) n-Nitrosodiphenylamine	15.539	169	769461	41.094	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	265439	40.272	ng	#	91
68) Hexachlorobenzene	16.321	284	302112	40.676	ng		95
69) Atrazine	16.504	200	278745	40.550	ng		98
70) Pentachlorophenol	16.668	266	208575	42.953	ng		96
71) Phenanthrene	17.062	178	1451959	41.159	ng		100
72) Anthracene	17.151	178	1438299	41.346	ng		100
73) Carbazole	17.427	167	1425691	41.402	ng		98
74) Di-n-butylphthalate	17.998	149	1720779	42.538	ng		99
75) Fluoranthene	19.074	202	1832193	41.503	ng		99
77) Benzidine	19.274	184	716035	39.272	ng		99
78) Pyrene	19.439	202	1924529	41.730	ng		98
80) Butylbenzylphthalate	20.356	149	869642	44.164	ng		97
81) Benzo(a)anthracene	21.192	228	2034449	41.567	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	581920	43.372	ng		100
83) Chrysene	21.244	228	1974028	41.514	ng		98
84) Bis(2-ethylhexyl)phtha...	21.139	149	1341363	43.968	ng		96
85) Di-n-octyl phthalate	22.003	149	2310627	44.231	ng		98
87) Indeno(1,2,3-cd)pyrene	25.562	276	2349789	42.666	ng		99
88) Benzo(b)fluoranthene	22.738	252	2131389	41.734	ng		99
89) Benzo(k)fluoranthene	22.780	252	2090494	43.767	ng		99
90) Benzo(a)pyrene	23.291	252	1986568	43.211	ng		99
91) Dibenzo(a,h)anthracene	25.579	278	2038095	42.750	ng		100
92) Benzo(g,h,i)perylene	26.227	276	1940597	42.722	ng		98

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

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