Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031017.D
Acq On : 20 Jul 2021 10:47
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:06 AM

Quant Time: Jul 20 11:25:24 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 11:22:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	89433	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	401826	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	294708	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	679239	20.000	ng		0.00
76) Chrysene-d12	21.209	240	756673	20.000	ng		0.00
86) Perylene-d12	23.391	264	764690	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	416934	83.085	ng		0.00
7) Phenol-d6	6.822	99	609494	84.464	ng		0.00
23) Nitrobenzene-d5	8.792	82	670005	83.489	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	325814	84.242	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1633567	81.602	ng		0.00
79) Terphenyl-d14	19.656	244	3270221	84.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	80771	40.475	ng		93
3) Pyridine	3.622	79	235343m	41.225	ng		
4) n-Nitrosodimethylamine	3.546	42	134375	41.544	ng		95
6) Aniline	6.981	93	324980	41.884	ng		99
8) 2-Chlorophenol	7.210	128	246363	41.640	ng		100
9) Benzaldehyde	6.798	77	175495	41.257	ng		97
10) Phenol	6.851	94	291897	41.559	ng		90
11) bis(2-Chloroethyl)ether	7.081	93	216936	41.487	ng		96
12) 1,3-Dichlorobenzene	7.528	146	264001	41.374	ng		95
13) 1,4-Dichlorobenzene	7.675	146	267272	41.022	ng		98
14) 1,2-Dichlorobenzene	7.986	146	260189	40.962	ng		96
15) Benzyl Alcohol	7.881	79	257422	42.021	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	270216	41.132	ng		99
17) 2-Methylphenol	8.081	107	209264	41.880	ng		95
18) Hexachloroethane	8.704	117	106395	41.884	ng		93
19) n-Nitroso-di-n-propyla...	8.451	70	219072	42.110	ng		99
20) 3+4-Methylphenols	8.410	107	298703	42.849	ng		97
22) Acetophenone	8.457	105	409236	40.740	ng	#	95
24) Nitrobenzene	8.833	77	333185	41.048	ng		99
25) Isophorone	9.357	82	601151	41.580	ng		99
26) 2-Nitrophenol	9.533	139	145075	42.076	ng	#	89
27) 2,4-Dimethylphenol	9.598	122	224682	41.092	ng		98
28) bis(2-Chloroethoxy)met...	9.839	93	301558	40.946	ng		100
29) 2,4-Dichlorophenol	10.057	162	269039	41.986	ng		95
30) 1,2,4-Trichlorobenzene	10.275	180	285088	40.961	ng		99
31) Naphthalene	10.457	128	850936	41.030	ng		99
32) Benzoic acid	9.763	122	192860	43.434	ng		96
33) 4-Chloroaniline	10.575	127	372252	41.899	ng		98
34) Hexachlorobutadiene	10.739	225	184331	40.579	ng		96
35) Caprolactam	11.374	113	91244m	43.078	ng		
36) 4-Chloro-3-methylphenol	11.704	107	308623	42.230	ng		93
37) 2-Methylnaphthalene	12.074	142	664812	41.765	ng		97
38) 1-Methylnaphthalene	12.298	142	629708m	41.421	ng		
40) 1,2,4,5-Tetrachloroben...	12.445	216	339585	40.541	ng		98
41) Hexachlorocyclopentadiene	12.427	237	200235	42.314	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	244473	41.776	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	269471	42.011	ng	#	94
46) 1,1'-Biphenyl	13.104	154	864634	41.218	ng		100
47) 2-Chloronaphthalene	13.139	162	679496	40.839	ng		95
48) 2-Nitroaniline	13.351	65	227239	43.564	ng		93
49) Acenaphthylene	13.992	152	1095162	41.446	ng		99
50) Dimethylphthalate	13.745	163	914200	41.389	ng		99
51) 2,6-Dinitrotoluene	13.857	165	205249	41.771	ng	#	80
52) Acenaphthene	14.339	154	684983	41.533	ng		99
53) 3-Nitroaniline	14.186	138	212346	42.761	ng		95
54) 2,4-Dinitrophenol	14.392	184	127530	44.652	ng		94
55) Dibenzofuran	14.674	168	1104806	40.781	ng		94
56) 4-Nitrophenol	14.498	139	189255	43.377	ng		85
57) 2,4-Dinitrotoluene	14.651	165	295712	42.916	ng		90
58) Fluorene	15.321	166	955481	41.838	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.898	232	249859m	41.736	ng		
60) Diethylphthalate	15.115	149	985310	41.525	ng		97
61) 4-Chlorophenyl-phenyle...	15.327	204	469508	40.863	ng	#	89
62) 4-Nitroaniline	15.357	138	238391	43.916	ng		87
63) Azobenzene	15.621	77	985639	42.072	ng		94
65) 4,6-Dinitro-2-methylph...	15.410	198	182601	42.849	ng		83
66) n-Nitrosodiphenylamine	15.545	169	821847	40.564	ng		98
67) 4-Bromophenyl-phenylether	16.221	248	287597	40.179	ng		95
68) Hexachlorobenzene	16.321	284	324337	40.498	ng		94
69) Atrazine	16.504	200	305289	41.539	ng		97
70) Pentachlorophenol	16.668	266	221179	42.322	ng		98
71) Phenanthrene	17.062	178	1548883	41.242	ng		99
72) Anthracene	17.151	178	1537865	41.506	ng		99
73) Carbazole	17.427	167	1504569	41.421	ng		99
74) Di-n-butylphthalate	18.003	149	1837957	42.468	ng		99
75) Fluoranthene	19.080	202	1919917	41.466	ng		100
77) Benzidine	19.274	184	871645	44.290	ng		99
78) Pyrene	19.445	202	2013222	41.808	ng		98
80) Butylbenzylphthalate	20.362	149	895726	43.444	ng		98
81) Benzo(a)anthracene	21.192	228	2071928	41.405	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	586063	42.976	ng		100
83) Chrysene	21.244	228	2025767	41.615	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1379265	43.517	ng	#	96
85) Di-n-octyl phthalate	22.009	149	2331437	43.473	ng		98
87) Indeno(1,2,3-cd)pyrene	25.568	276	2222808	41.785	ng		100
88) Benzo(b)fluoranthene	22.738	252	2138541	41.993	ng		98
89) Benzo(k)fluoranthene	22.786	252	2050180	42.238	ng		99
90) Benzo(a)pyrene	23.297	252	1937881	42.178	ng		100
91) Dibenzo(a,h)anthracene	25.579	278	1920669	41.787	ng		99
92) Benzo(g,h,i)perylene	26.232	276	1801707	41.319	ng		100

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

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