Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030330.D
Acq On : 08 Jun 2021 19:25
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060921

Manual Integrations APPROVED
mohammad
6/9/2021 3:54:06 PM

Quant Time: Jun 09 06:57:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	252055	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	991304	20.000	ng	#	0.00
39) Acenaphthene-d10	14.474	164	632244	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1259106	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1232759	20.000	ng		0.00
86) Perylene-d12	23.650	264	1199743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1178959	76.038	ng		0.00
7) Phenol-d6	7.010	99	1685079	75.075	ng		0.00
23) Nitrobenzene-d5	9.010	82	1552081	76.277	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	632051	79.513	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3682361	76.593	ng		0.00
79) Terphenyl-d14	19.821	244	5308516	75.636	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	250327	37.347	ng		90
3) Pyridine	3.752	79	638888m	37.340	ng		
4) n-Nitrosodimethylamine	3.657	42	303374	34.927	ng		85
6) Aniline	7.181	93	934090	36.468	ng		97
8) 2-Chlorophenol	7.416	128	677808	37.247	ng		97
9) Benzaldehyde	6.992	77	395753	42.214	ng		95
10) Phenol	7.040	94	826129	36.434	ng		91
11) bis(2-Chloroethyl)ether	7.275	93	646089	36.164	ng		94
12) 1,3-Dichlorobenzene	7.739	146	740042	36.911	ng		97
13) 1,4-Dichlorobenzene	7.887	146	762151	37.302	ng		100
14) 1,2-Dichlorobenzene	8.204	146	727095	36.582	ng		99
15) Benzyl Alcohol	8.087	79	583387	37.036	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	982668	34.182	ng		89
17) 2-Methylphenol	8.287	107	544933	37.086	ng		92
18) Hexachloroethane	8.928	117	273387	37.229	ng		95
19) n-Nitroso-di-n-propyla...	8.657	70	538335	36.124	ng		98
20) 3+4-Methylphenols	8.610	107	739531	36.992	ng		96
22) Acetophenone	8.669	105	1010824	38.165	ng		99
24) Nitrobenzene	9.051	77	772924	36.414	ng		96
25) Isophorone	9.575	82	1433870	36.767	ng		99
26) 2-Nitrophenol	9.757	139	351118	38.468	ng		94
27) 2,4-Dimethylphenol	9.810	122	563140	37.305	ng		98
28) bis(2-Chloroethoxy)met...	10.051	93	798576	36.014	ng		100
29) 2,4-Dichlorophenol	10.286	162	658044	38.885	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	735436	38.073	ng		99
31) Naphthalene	10.692	128	2100964	36.383	ng		99
32) Benzoic acid	9.951	122	427377	37.662	ng		93
33) 4-Chloroaniline	10.798	127	864767	36.798	ng		98
34) Hexachlorobutadiene	10.980	225	445888	38.670	ng		97
35) Caprolactam	11.580	113	195286	35.303	ng	#	84
36) 4-Chloro-3-methylphenol	11.916	107	652507	36.810	ng		99
37) 2-Methylnaphthalene	12.298	142	1549212	36.565	ng		98
38) 1-Methylnaphthalene	12.522	142	1462310	36.236	ng		100
40) 1,2,4,5-Tetrachloroben...	12.669	216	810819	39.787	ng		99
41) Hexachlorocyclopentadiene	12.651	237	453941	40.625	ng		100
43) 2,4,6-Trichlorophenol	12.904	196	553167	40.151	ng		99

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44) 2,4,5-Trichlorophenol	12.974	196	594781	39.358	ng	98
46) 1,1'-Biphenyl	13.310	154	1945524	37.998	ng	99
47) 2-Chloronaphthalene	13.351	162	1547554	37.394	ng	98
48) 2-Nitroaniline	13.551	65	413411	34.058	ng	98
49) Acenaphthylene	14.198	152	2359528	37.217	ng	99
50) Dimethylphthalate	13.933	163	1820328	36.178	ng	99
51) 2,6-Dinitrotoluene	14.051	165	417754	37.664	ng	92
52) Acenaphthene	14.539	154	1478436	36.508	ng	98
53) 3-Nitroaniline	14.374	138	407969	34.200	ng	99
54) 2,4-Dinitrophenol	14.580	184	226419	38.712	ng	87
55) Dibenzofuran	14.874	168	2344549	36.386	ng	99
56) 4-Nitrophenol	14.674	139	348644	37.017	ng	92
57) 2,4-Dinitrotoluene	14.833	165	544311	35.545	ng	98
58) Fluorene	15.521	166	1920712	36.131	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	505740	38.667	ng	97
60) Diethylphthalate	15.292	149	1798595	35.758	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	957526	36.548	ng	96
62) 4-Nitroaniline	15.533	138	421901	33.736	ng	86
63) Azobenzene	15.804	77	1790295	35.239	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	322034	39.200	ng	93
66) n-Nitrosodiphenylamine	15.727	169	1629851	37.222	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	566494	38.608	ng	97
68) Hexachlorobenzene	16.521	284	630790	37.914	ng	97
69) Atrazine	16.674	200	512145	43.673	ng	94
70) Pentachlorophenol	16.857	266	395004	40.564	ng	98
71) Phenanthrene	17.251	178	2857797	36.070	ng	100
72) Anthracene	17.345	178	2839346	36.910	ng	100
73) Carbazole	17.609	167	2650622	36.131	ng	100
74) Di-n-butylphthalate	18.168	149	2960707	38.711	ng	99
75) Fluoranthene	19.256	202	3271370	36.377	ng	97
77) Benzidine	19.439	184	1038820	47.626	ng	98
78) Pyrene	19.621	202	3396776	36.363	ng	99
80) Butylbenzylphthalate	20.509	149	1277423	34.355	ng	97
81) Benzo(a)anthracene	21.350	228	3302263	36.806	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	1027409	37.826	ng	99
83) Chrysene	21.403	228	3198812	36.686	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1965929	35.040	ng	99
85) Di-n-octyl phthalate	22.168	149	3205478	36.804	ng	99
87) Indeno(1,2,3-cd)pyrene	25.974	276	3636987	39.856	ng	97
88) Benzo(b)fluoranthene	22.962	252	3332938	36.705	ng	99
89) Benzo(k)fluoranthene	23.009	252	3112511	35.096	ng	99
90) Benzo(a)pyrene	23.550	252	2997345	37.329	ng	99
91) Dibenzo(a,h)anthracene	25.985	278	3130268	39.786	ng	98
92) Benzo(g,h,i)perylene	26.685	276	2972055	39.714	ng	97

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

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