Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
Data File : BM029306.D
Acq On : 01 Apr 2021 14:51
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/2/2021 12:08:57 PM

Quant Time: Apr 01 15:41:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 14:16:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	118918	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	447759	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	271749	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	523088	20.00	ng		0.00
76) Chrysene-d12	21.251	240	512409	20.00	ng		0.00
86) Perylene-d12	23.462	264	528831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	820880	118.99	ng		0.00
7) Phenol-d6	6.881	99	1180374	119.23	ng		0.00
23) Nitrobenzene-d5	8.857	82	1155058	125.25	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	337802	134.23	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2284700	119.25	ng		0.00
79) Terphenyl-d14	19.704	244	3242773	127.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	171957	54.84	ng		99
3) Pyridine	3.628	79	466769m	61.75	ng		
4) n-Nitrosodimethylamine	3.540	42	223988	66.03	ng		96
6) Aniline	7.040	93	643029	59.96	ng		99
8) 2-Chlorophenol	7.275	128	460353	59.14	ng		99
9) Benzaldehyde	6.851	77	324329	52.17	ng		99
10) Phenol	6.910	94	577258	59.02	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	430357	61.49	ng		99
12) 1,3-Dichlorobenzene	7.593	146	493160	56.63	ng		98
13) 1,4-Dichlorobenzene	7.740	146	498958	56.51	ng		99
14) 1,2-Dichlorobenzene	8.057	146	482818	56.89	ng		99
15) Benzyl Alcohol	7.946	79	445907	62.26	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.240	45	653174	60.87	ng		99
17) 2-Methylphenol	8.145	107	377698	60.10	ng		99
18) Hexachloroethane	8.775	117	197880	61.67	ng		97
19) n-Nitroso-di-n-propyla...	8.516	70	406288	63.61	ng		98
20) 3+4-Methylphenols	8.475	107	518176	61.60	ng		99
22) Acetophenone	8.522	105	686196	61.22	ng	#	98
24) Nitrobenzene	8.898	77	585055	60.78	ng		100
25) Isophorone	9.428	82	1044086	65.91	ng		100
26) 2-Nitrophenol	9.604	139	244686	76.24	ng		97
27) 2,4-Dimethylphenol	9.669	122	372854	60.60	ng		96
28) bis(2-Chloroethoxy)met...	9.904	93	532442	63.57	ng		99
29) 2,4-Dichlorophenol	10.139	162	419928	62.76	ng		98
30) 1,2,4-Trichlorobenzene	10.351	180	440279	57.96	ng		99
31) Naphthalene	10.539	128	1380347	58.49	ng		99
32) Benzoic acid	9.828	122	299413	83.75	ng		97
33) 4-Chloroaniline	10.645	127	570877	61.20	ng		99
34) Hexachlorobutadiene	10.822	225	259849	58.89	ng		97
35) Caprolactam	11.439	113	136584	67.25	ng		96
36) 4-Chloro-3-methylphenol	11.775	107	453628	63.50	ng		95
37) 2-Methylnaphthalene	12.151	142	988879	59.92	ng		99
38) 1-Methylnaphthalene	12.375	142	929707	59.22	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	447918	58.82	ng		99
41) Hexachlorocyclopentadiene	12.504	237	268203	64.18	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	327231	66.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	346204	62.81	ng		98
46) 1,1'-Biphenyl	13.175	154	1221076	59.11	ng		98
47) 2-Chloronaphthalene	13.210	162	947612	58.26	ng		99
48) 2-Nitroaniline	13.416	65	333552	69.93	ng		99
49) Acenaphthylene	14.063	152	1498792	60.57	ng		99
50) Dimethylphthalate	13.804	163	1149581	60.54	ng		99
51) 2,6-Dinitrotoluene	13.916	165	263507	64.15	ng		92
52) Acenaphthene	14.404	154	913146	58.07	ng		98
53) 3-Nitroaniline	14.245	138	272581	65.55	ng		97
54) 2,4-Dinitrophenol	14.451	184	153524	74.82	ng		96
55) Dibenzofuran	14.739	168	1445004	58.40	ng		99
56) 4-Nitrophenol	14.557	139	239275	62.98	ng		95
57) 2,4-Dinitrotoluene	14.704	165	356328	65.97	ng		99
58) Fluorene	15.386	166	1205625	60.11	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	274246	60.72	ng		98
60) Diethylphthalate	15.169	149	1181313	63.15	ng		98
61) 4-Chlorophenyl-phenyle...	15.386	204	549935	59.43	ng		98
62) 4-Nitroaniline	15.410	138	292369	66.77	ng		99
63) Azobenzene	15.680	77	1373635	64.24	ng		98
65) 4,6-Dinitro-2-methylph...	15.469	198	207817	71.27	ng		99
66) n-Nitrosodiphenylamine	15.598	169	1016397	60.70	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	309536	64.55	ng		98
68) Hexachlorobenzene	16.392	284	331975	58.84	ng		99
69) Atrazine	16.551	200	344441	65.15	ng		98
70) Pentachlorophenol	16.733	266	195029	56.11	ng		98
71) Phenanthrene	17.121	178	1788768	58.97	ng		99
72) Anthracene	17.210	178	1777948	60.32	ng		100
73) Carbazole	17.480	167	1747843	60.27	ng		100
74) Di-n-butylphthalate	18.051	149	2033967	72.72	ng		100
75) Fluoranthene	19.133	202	2014783	60.12	ng		99
77) Benzidine	19.321	184	1022022	69.04	ng		100
78) Pyrene	19.498	202	2091904	60.30	ng		100
80) Butylbenzylphthalate	20.398	149	956466	81.60	ng		92
81) Benzo(a)anthracene	21.239	228	2034242	60.83	ng		100
82) 3,3'-Dichlorobenzidine	21.174	252	686779	68.71	ng		98
83) Chrysene	21.292	228	1964335	58.71	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	1490959	88.51	ng	#	99
85) Di-n-octyl phthalate	22.045	149	2525960	92.53	ng		99
87) Indeno(1,2,3-cd)pyrene	25.709	276	2313067	59.80	ng		99
88) Benzo(b)fluoranthene	22.803	252	2096889	60.95	ng		99
89) Benzo(k)fluoranthene	22.850	252	1948661	58.30	ng		100
90) Benzo(a)pyrene	23.374	252	1880008	60.33	ng		99
91) Dibenzo(a,h)anthracene	25.721	278	1993728	60.22	ng		98
92) Benzo(g,h,i)perylene	26.391	276	1888874	58.23	ng		99

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

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