Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026675.D
Acq On : 07 Jul 2020 13:43
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:15 AM

Quant Time: Jul 07 14:19:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 14:16:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	75338	20.00	ng	0.00
21) Naphthalene-d8	10.09	136	334628	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	224975	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	511487	20.00	ng	0.00
76) Chrysene-d12	20.97	240	615061	20.00	ng	0.00
86) Perylene-d12	23.04	264	602840	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.97	112	358173	78.53	ng	0.00
7) Phenol-d6	6.55	99	587736	82.87	ng	0.00
23) Nitrobenzene-d5	8.48	82	646991	81.96	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	274621	84.49	ng	0.00
45) 2-Fluorobiphenyl	12.60	172	1372264	80.82	ng	0.00
79) Terphenyl-d14	19.42	244	2575977	79.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	84542	38.849	ng	100
3) Pyridine	3.33	79	255867m	40.663	ng	
4) n-Nitrosodimethylamine	3.25	42	152158	42.515	ng	100
6) Aniline	6.68	93	358452	41.029	ng	100
8) 2-Chlorophenol	6.90	128	214910	40.494	ng	100
9) Benzaldehyde	6.49	77	153934	39.725	ng	100
10) Phenol	6.57	94	287810	40.979	ng	100
11) bis(2-Chloroethyl)ether	6.78	93	236842	40.647	ng	100
12) 1,3-Dichlorobenzene	7.22	146	231931	39.817	ng	100
13) 1,4-Dichlorobenzene	7.36	146	234421	39.516	ng	100
14) 1,2-Dichlorobenzene	7.67	146	235238	40.024	ng	100
15) Benzyl Alcohol	7.59	79	254147	42.019	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.86	45	490447	40.999	ng	100
17) 2-Methylphenol	7.79	107	220155	41.838	ng	100
18) Hexachloroethane	8.38	117	93785	39.998	ng	100
19) n-Nitroso-di-n-propylamine	8.15	70	243356	41.738	ng	100
20) 3+4-Methylphenols	8.12	107	305239	41.789	ng	100
22) Acetophenone	8.15	105	390549	40.937	ng	100
24) Nitrobenzene	8.52	77	335421	40.848	ng	100
25) Isophorone	9.05	82	623152	41.552	ng	100
26) 2-Nitrophenol	9.22	139	127856	41.175	ng	100
27) 2,4-Dimethylphenol	9.30	122	205442	41.580	ng	100
28) bis(2-Chloroethoxy)methane	9.53	93	338433	40.937	ng	100
29) 2,4-Dichlorophenol	9.76	162	228596	41.929	ng	100
30) 1,2,4-Trichlorobenzene	9.96	180	248378	40.679	ng	100
31) Naphthalene	10.13	128	752027	40.345	ng	100
32) Benzoic acid	9.50	122	166001	43.466	ng	100
33) 4-Chloroaniline	10.27	127	340117	41.951	ng	100
34) Hexachlorobutadiene	10.43	225	164392	40.589	ng	100
35) Caprolactam	11.07	113	82262	43.059	ng	100
36) 4-Chloro-3-methylphenol	11.41	107	286560	42.103	ng	100
37) 2-Methylnaphthalene	11.76	142	561947	41.010	ng	100
38) 1-Methylnaphthalene	11.99	142	536356	40.991	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	297980	40.507	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	148893	41.681 ng	100
43) 2,4,6-Trichlorophenol	12.40	196	202340	41.992 ng	100
44) 2,4,5-Trichlorophenol	12.48	196	235727	41.974 ng	100
46) 1,1'-Biphenyl	12.81	154	717535	40.021 ng	100
47) 2-Chloronaphthalene	12.85	162	585574	40.660 ng	100
48) 2-Nitroaniline	13.07	65	251771	42.819 ng	100
49) Acenaphthylene	13.71	152	939485	40.847 ng	100
50) Dimethylphthalate	13.48	163	780233	40.981 ng	100
51) 2,6-Dinitrotoluene	13.59	165	170406	41.457 ng	100
52) Acenaphthene	14.06	154	570075	40.862 ng	100
53) 3-Nitroaniline	13.92	138	181648	42.301 ng	100
54) 2,4-Dinitrophenol	14.14	184	102110	41.353 ng	100
55) Dibenzofuran	14.40	168	926428	40.746 ng	100
56) 4-Nitrophenol	14.26	139	141781	42.541 ng	100
57) 2,4-Dinitrotoluene	14.39	165	250387	42.858 ng	100
58) Fluorene	15.06	166	776027	41.345 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	203527	41.714 ng	100
60) Diethylphthalate	14.86	149	830834	41.448 ng	100
61) 4-Chlorophenyl-phenylether	15.06	204	416383	40.881 ng	100
62) 4-Nitroaniline	15.10	138	193296m	44.577 ng	
63) Azobenzene	15.36	77	925616	42.121 ng	100
65) 4,6-Dinitro-2-methylphenol	15.17	198	145525	40.719 ng	100
66) n-Nitrosodiphenylamine	15.28	169	666727	40.462 ng	100
67) 4-Bromophenyl-phenylether	15.96	248	260885	40.897 ng	100
68) Hexachlorobenzene	16.06	284	271298	40.617 ng	100
69) Atrazine	16.26	200	211039	43.096 ng	100
70) Pentachlorophenol	16.42	266	160599	41.588 ng	100
71) Phenanthrene	16.79	178	1226035	40.548 ng	100
72) Anthracene	16.89	178	1231463	40.891 ng	100
73) Carbazole	17.17	167	1181967	41.562 ng	100
74) Di-n-butylphthalate	17.75	149	1500117	42.176 ng	100
75) Fluoranthene	18.83	202	1513593	41.411 ng	100
77) Benzidine	19.03	184	534012	46.993 ng	100
78) Pyrene	19.19	202	1580080	39.307 ng	100
80) Butylbenzylphthalate	20.13	149	735581	41.469 ng	100
81) Benzo(a)anthracene	20.96	228	1669265	40.266 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	544543	42.097 ng	100
83) Chrysene	21.01	228	1625071	40.581 ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	1172569	42.615 ng	100
85) Di-n-octyl phthalate	21.76	149	2007863	43.911 ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	1785748	44.605 ng	100
88) Benzo(b)fluoranthene	22.44	252	1655451	40.370 ng	100
89) Benzo(k)fluoranthene	22.48	252	1683178	41.895 ng	100
90) Benzo(a)pyrene	22.96	252	1558038	42.156 ng	100
91) Dibenzo(a,h)anthracene	25.07	278	1508163	44.583 ng	100
92) Benzo(g,h,i)perylene	25.66	276	1370744	44.001 ng	100

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

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