Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026663.D
Acq On : 06 Jul 2020 14:06
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Quant Time: Jul 06 18:31:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 18:20:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	75632	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	336477	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	234277	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	535194	20.00	ng		0.00
76) Chrysene-d12	20.97	240	625416	20.00	ng		0.00
86) Perylene-d12	23.05	264	671261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	86557	18.91	ng		0.00
7) Phenol-d6	6.54	99	131458	18.46	ng		0.00
23) Nitrobenzene-d5	8.48	82	147074	18.53	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	61505	18.17	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	322198	18.22	ng		0.00
79) Terphenyl-d14	19.42	244	596904	18.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	22812	10.442	ng		96
3) Pyridine	3.35	79	59624	9.431	ng		98
4) n-Nitrosodimethylamine	3.26	42	32950	9.171	ng	#	92
6) Aniline	6.68	93	81886	9.336	ng		100
8) 2-Chlorophenol	6.90	128	50205	9.423	ng		96
9) Benzaldehyde	6.49	77	44064	11.327	ng		96
10) Phenol	6.56	94	64381	9.131	ng		94
11) bis(2-Chloroethyl)ether	6.78	93	56522	9.663	ng		98
12) 1,3-Dichlorobenzene	7.22	146	57122	9.768	ng		99
13) 1,4-Dichlorobenzene	7.37	146	57869	9.717	ng		99
14) 1,2-Dichlorobenzene	7.67	146	57228	9.699	ng		99
15) Benzyl Alcohol	7.59	79	58546	9.642	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.87	45	121288	10.100	ng		95
17) 2-Methylphenol	7.79	107	48920	9.261	ng		96
18) Hexachloroethane	8.38	117	22029	9.359	ng		96
19) n-Nitroso-di-n-propylamine	8.15	70	55964	9.561	ng		97
20) 3+4-Methylphenols	8.12	107	67392	9.190	ng		92
22) Acetophenone	8.16	105	88436	9.219	ng	#	97
24) Nitrobenzene	8.52	77	76870	9.310	ng		97
25) Isophorone	9.05	82	141831	9.405	ng		99
26) 2-Nitrophenol	9.23	139	26953	8.632	ng		97
27) 2,4-Dimethylphenol	9.30	122	46083	9.276	ng		94
28) bis(2-Chloroethoxy)methane	9.53	93	78827	9.482	ng		99
29) 2,4-Dichlorophenol	9.76	162	49236	8.981	ng		96
30) 1,2,4-Trichlorobenzene	9.96	180	58297	9.495	ng		99
31) Naphthalene	10.14	128	176639	9.424	ng		98
32) Benzoic acid	9.43	122	22467	5.851	ng		99
33) 4-Chloroaniline	10.27	127	74592	9.150	ng		99
34) Hexachlorobutadiene	10.43	225	39437	9.684	ng		94
35) Caprolactam	11.05	113	16714	8.688	ng		93
36) 4-Chloro-3-methylphenol	11.41	107	62251	9.096	ng		95
37) 2-Methylnaphthalene	11.76	142	130913	9.501	ng		97
38) 1-Methylnaphthalene	11.99	142	124930	9.495	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	70059	9.146	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.13	237	22984	6.179 ng	97
43) 2,4,6-Trichlorophenol	12.41	196	44456	8.860 ng	99
44) 2,4,5-Trichlorophenol	12.49	196	52260	8.936 ng	96
46) 1,1'-Biphenyl	12.81	154	171528	9.187 ng	100
47) 2-Chloronaphthalene	12.85	162	136962	9.132 ng	99
48) 2-Nitroaniline	13.07	65	52062	8.503 ng	97
49) Acenaphthylene	13.71	152	216969	9.059 ng	99
50) Dimethylphthalate	13.47	163	186330	9.398 ng	100
51) 2,6-Dinitrotoluene	13.59	165	38694	9.040 ng	98
52) Acenaphthene	14.06	154	132573	9.125 ng	98
53) 3-Nitroaniline	13.92	138	38111	8.523 ng	97
54) 2,4-Dinitrophenol	14.15	184	16962	6.597 ng	85
55) Dibenzofuran	14.40	168	218307	9.220 ng	98
56) 4-Nitrophenol	14.26	139	25640	7.388 ng	93
57) 2,4-Dinitrotoluene	14.39	165	53346	8.768 ng	98
58) Fluorene	15.06	166	177791	9.096 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	47616	9.372 ng	99
60) Diethylphthalate	14.86	149	194697	9.327 ng	98
61) 4-Chlorophenyl-phenylether	15.06	204	97540	9.196 ng	97
62) 4-Nitroaniline	15.10	138	36153m	8.003 ng	
63) Azobenzene	15.35	77	212483	9.285 ng	96
65) 4,6-Dinitro-2-methylphenol	15.16	198	27175	7.267 ng	88
66) n-Nitrosodiphenylamine	15.28	169	157231	9.119 ng	100
67) 4-Bromophenyl-phenylether	15.96	248	60756	9.102 ng	97
68) Hexachlorobenzene	16.06	284	64742	9.263 ng	95
69) Atrazine	16.25	200	53080	10.359 ng	98
70) Pentachlorophenol	16.42	266	32117	7.948 ng	96
71) Phenanthrene	16.79	178	292856	9.256 ng	99
72) Anthracene	16.89	178	285129	9.048 ng	99
73) Carbazole	17.17	167	267906	9.003 ng	99
74) Di-n-butylphthalate	17.75	149	331132	8.897 ng	99
75) Fluoranthene	18.82	202	350978	9.177 ng	99
77) Benzidine	19.03	184	98682	8.540 ng	97
78) Pyrene	19.19	202	373978	9.149 ng	99
80) Butylbenzylphthalate	20.13	149	155164	8.603 ng	98
81) Benzo(a)anthracene	20.96	228	394701	9.363 ng	99
82) 3,3'-Dichlorobenzidine	20.90	252	125836	9.567 ng	97
83) Chrysene	21.01	228	383617	9.421 ng	100
84) Bis(2-ethylhexyl)phthalate	20.93	149	244593	8.742 ng	99
85) Di-n-octyl phthalate	21.77	149	412159	8.864 ng	98
87) Indeno(1,2,3-cd)pyrene	25.05	276	431376	9.677 ng	99
88) Benzo(b)fluoranthene	22.44	252	402827	8.822 ng	99
89) Benzo(k)fluoranthene	22.48	252	392750	8.779 ng	97
90) Benzo(a)pyrene	22.96	252	366089	8.896 ng	99
91) Dibenzo(a,h)anthracene	25.06	278	363498	9.650 ng	100
92) Benzo(g,h,i)perylene	25.66	276	341293	9.839 ng	97

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

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