Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070720\
Data File : BM026662.D
Acq On : 06 Jul 2020 13:29
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC005

Quant Time: Jul 06 18:29:15 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	71125	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	311685	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	212155	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	480686	20.00	ng		0.00
76) Chrysene-d12	20.97	240	564014	20.00	ng		0.00
86) Perylene-d12	23.05	264	607211	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	43654	10.14	ng		0.00
7) Phenol-d6	6.54	99	60633	9.06	ng		0.00
23) Nitrobenzene-d5	8.48	82	68656	9.34	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	26289	8.58	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	151239	9.45	ng		0.00
79) Terphenyl-d14	19.42	244	274926	9.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	11296	5.498	ng		98
3) Pyridine	3.37	79	29133	4.900	ng		87
4) n-Nitrosodimethylamine	3.28	42	16216	4.799	ng	#	83
6) Aniline	6.68	93	40115	4.864	ng		98
8) 2-Chlorophenol	6.90	128	23774	4.745	ng		99
9) Benzaldehyde	6.50	77	18121	4.953	ng		95
10) Phenol	6.56	94	30866	4.655	ng		99
11) bis(2-Chloroethyl)ether	6.78	93	27451	4.990	ng		99
12) 1,3-Dichlorobenzene	7.22	146	28088	5.108	ng		99
13) 1,4-Dichlorobenzene	7.37	146	28585	5.104	ng		97
14) 1,2-Dichlorobenzene	7.68	146	27751	5.001	ng		94
15) Benzyl Alcohol	7.59	79	26334	4.612	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	58144	5.149	ng		98
17) 2-Methylphenol	7.79	107	23235	4.677	ng		100
18) Hexachloroethane	8.38	117	11003	4.971	ng		98
19) n-Nitroso-di-n-propylamine	8.15	70	26172	4.755	ng		99
20) 3+4-Methylphenols	8.13	107	31689	4.595	ng		96
22) Acetophenone	8.16	105	40776	4.589	ng	#	94
24) Nitrobenzene	8.52	77	36390	4.758	ng		100
25) Isophorone	9.05	82	64528	4.619	ng		100
26) 2-Nitrophenol	9.23	139	12182	4.212	ng		88
27) 2,4-Dimethylphenol	9.30	122	21157	4.597	ng		98
28) bis(2-Chloroethoxy)methane	9.54	93	37061	4.813	ng		99
29) 2,4-Dichlorophenol	9.76	162	22398	4.411	ng		96
30) 1,2,4-Trichlorobenzene	9.96	180	27653	4.862	ng		95
31) Naphthalene	10.13	128	86163	4.963	ng		98
33) 4-Chloroaniline	10.28	127	33863	4.484	ng		98
34) Hexachlorobutadiene	10.43	225	18812	4.987	ng		93
35) Caprolactam	11.05	113	7526	4.223	ng	#	84
36) 4-Chloro-3-methylphenol	11.41	107	28492	4.494	ng		95
37) 2-Methylnaphthalene	11.76	142	61464	4.816	ng		98
38) 1-Methylnaphthalene	11.99	142	59193	4.857	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	32350	4.663	ng		98
43) 2,4,6-Trichlorophenol	12.41	196	18900	4.159	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.49	196	22239	4.199	ng		97
46) 1,1'-Biphenyl	12.81	154	81569	4.825	ng		98
47) 2-Chloronaphthalene	12.85	162	64375	4.740	ng		97
48) 2-Nitroaniline	13.07	65	22277	4.018	ng		93
49) Acenaphthylene	13.70	152	99908	4.606	ng		99
50) Dimethylphthalate	13.47	163	86709	4.830	ng		99
51) 2,6-Dinitrotoluene	13.59	165	17943	4.629	ng		96
52) Acenaphthene	14.06	154	63358	4.816	ng		99
53) 3-Nitroaniline	13.92	138	16004	3.952	ng	#	98
55) Dibenzofuran	14.40	168	101456	4.732	ng		99
57) 2,4-Dinitrotoluene	14.39	165	21820	3.961	ng	#	82
58) Fluorene	15.05	166	81900	4.627	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.65	232	20293	4.410	ng	#	98
60) Diethylphthalate	14.86	149	87773	4.643	ng		99
61) 4-Chlorophenyl-phenylether	15.06	204	45618	4.749	ng		97
62) 4-Nitroaniline	15.10	138	13221m	3.232	ng		
63) Azobenzene	15.35	77	92490	4.463	ng		95
66) n-Nitrosodiphenylamine	15.28	169	71676	4.629	ng		98
67) 4-Bromophenyl-phenylether	15.96	248	28441	4.744	ng		98
68) Hexachlorobenzene	16.06	284	29956	4.772	ng		97
69) Atrazine	16.25	200	19465	4.230	ng		99
71) Phenanthrene	16.79	178	135714	4.776	ng		99
72) Anthracene	16.89	178	131366	4.642	ng		99
73) Carbazole	17.17	167	118851	4.447	ng		99
74) Di-n-butylphthalate	17.75	149	141392	4.230	ng		99
75) Fluoranthene	18.83	202	161840	4.712	ng		98
78) Pyrene	19.19	202	168782	4.579	ng		100
80) Butylbenzylphthalate	20.13	149	66163	4.068	ng		98
81) Benzo(a)anthracene	20.96	228	185203	4.872	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	53680	4.525	ng		97
83) Chrysene	21.01	228	181184	4.934	ng		99
84) Bis(2-ethylhexyl)phthalate	20.93	149	104431	4.139	ng	#	98
85) Di-n-octyl phthalate	21.77	149	179943	4.291	ng		97
87) Indeno(1,2,3-cd)pyrene	25.06	276	219898	5.453	ng		99
88) Benzo(b)fluoranthene	22.44	252	194218	4.702	ng		99
89) Benzo(k)fluoranthene	22.48	252	191603	4.735	ng		98
90) Benzo(a)pyrene	22.96	252	174374	4.684	ng		98
91) Dibenzo(a,h)anthracene	25.06	278	185829	5.454	ng		99
92) Benzo(g,h,i)perylene	25.66	276	180310	5.746	ng		97

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

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