Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020543.D
Acq On : 24 May 2019 11:34
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:35 AM

Quant Time: May 24 15:37:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56665	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	231276	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	169035	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	455155	20.00	ng		0.00
76) Chrysene-d12	21.27	240	555628	20.00	ng		0.00
87) Perylene-d12	23.51	264	623836	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	50087	14.45	ng		0.00
7) Phenol-d6	6.85	99	73759	15.57	ng		0.00
23) Nitrobenzene-d5	8.83	82	100540	17.16	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	61324	23.37	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	261883	19.06	ng		0.00
79) Terphenyl-d14	19.70	244	582448	18.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	15984	9.401	ng	#	87
3) Pyridine	3.59	79	28443	6.541	ng	#	94
4) n-Nitrosodimethylamine	3.52	42	8894	6.379	ng	#	62
6) Aniline	7.00	93	55469	9.304	ng		96
8) 2-Chlorophenol	7.23	128	32688	8.660	ng		94
9) Benzaldehyde	6.82	77	32371	9.031	ng		96
10) Phenol	6.87	94	40717	7.986	ng		96
11) bis(2-Chloroethyl)ether	7.10	93	30668	8.276	ng		97
12) 1,3-Dichlorobenzene	7.55	146	44539	10.142	ng		97
13) 1,4-Dichlorobenzene	7.70	146	44777	10.093	ng		95
14) 1,2-Dichlorobenzene	8.01	146	45248	10.705	ng		97
15) Benzyl Alcohol	7.93	79	32707	7.162	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	25361	8.254	ng		93
17) 2-Methylphenol	8.12	107	28789	8.772	ng		94
18) Hexachloroethane	8.72	117	18701	10.109	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	36678	9.052	ng		98
20) 3+4-Methylphenols	8.46	107	36289	8.320	ng		95
22) Acetophenone	8.50	105	59503	9.414	ng	#	98
24) Nitrobenzene	8.88	77	48910	8.053	ng		96
25) Isophorone	9.39	82	99419	9.841	ng		98
26) 2-Nitrophenol	9.59	139	17172	9.365	ng		97
27) 2,4-Dimethylphenol	9.65	122	27772	9.097	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	47910	8.708	ng		97
29) 2,4-Dichlorophenol	10.12	162	34684	9.010	ng		95
30) 1,2,4-Trichlorobenzene	10.32	180	52459	11.075	ng		98
31) Naphthalene	10.50	128	116389	9.698	ng		100
32) Benzoic acid	9.75	122	10033m	4.960	ng		
33) 4-Chloroaniline	10.65	127	38121	7.717	ng		96
34) Hexachlorobutadiene	10.76	225	40268	12.018	ng		95
35) Caprolactam	11.44	113	10244	8.900	ng		97
36) 4-Chloro-3-methylphenol	11.77	107	37469	8.283	ng		95
37) 2-Methylnaphthalene	12.13	142	86923	9.934	ng		96
38) 1-Methylnaphthalene	12.35	142	86794	10.144	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	68072	10.293	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	16324	4.192	ng		94
43) 2,4,6-Trichlorophenol	12.75	196	38939	10.360	ng		88
44) 2,4,5-Trichlorophenol	12.83	196	32063	7.636	ng		95
46) 1,1'-Biphenyl	13.15	154	123557	8.881	ng		99
47) 2-Chloronaphthalene	13.19	162	107646	9.690	ng		98
48) 2-Nitroaniline	13.43	65	23343	5.902	ng		89
49) Acenaphthylene	14.05	152	160731	9.041	ng		98
50) Dimethylphthalate	13.79	163	141419	9.844	ng		99
51) 2,6-Dinitrotoluene	13.92	165	26240	8.672	ng		99
52) Acenaphthene	14.39	154	97355	9.549	ng		99
53) 3-Nitroaniline	14.27	138	18569	6.612	ng		99
54) 2,4-Dinitrophenol	14.49	184	5979	4.672	ng		94
55) Dibenzofuran	14.72	168	167128	9.719	ng		100
56) 4-Nitrophenol	14.61	139	8268	3.451	ng	#	89
57) 2,4-Dinitrotoluene	14.72	165	35818	8.711	ng	#	82
58) Fluorene	15.37	166	135705	9.609	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	42865	10.743	ng		92
60) Diethylphthalate	15.15	149	138858	9.593	ng		99
61) 4-Chlorophenyl-phenylether	15.37	204	87190	10.896	ng		98
62) 4-Nitroaniline	15.44	138	19995m	6.451	ng		
63) Azobenzene	15.66	77	132472	7.758	ng		98
65) 4,6-Dinitro-2-methylphenol	15.48	198	17961	8.409	ng		95
66) n-Nitrosodiphenylamine	15.59	169	117425	8.768	ng		98
67) 4-Bromophenyl-phenylether	16.27	248	55695	9.979	ng		95
68) Hexachlorobenzene	16.37	284	72065	11.220	ng		98
69) Atrazine	16.54	200	50180	9.587	ng		99
70) Pentachlorophenol	16.73	266	30734	8.363	ng		95
71) Phenanthrene	17.12	178	237840	9.466	ng		99
72) Anthracene	17.21	178	223310	8.890	ng		98
73) Carbazole	17.50	167	184648	8.146	ng		98
74) Di-n-butylphthalate	18.03	149	229818	8.425	ng		98
75) Fluoranthene	19.14	202	322113	10.133	ng		99
77) Benzidine	19.35	184	85755	4.828	ng		98
78) Pyrene	19.50	202	337484	9.047	ng		99
80) Butylbenzylphthalate	20.40	149	111428	8.214	ng		100
81) Benzo(a)anthracene	21.26	228	370165	9.500	ng		100
82) 3,3'-Dichlorobenzidine	21.20	252	130092	8.747	ng		99
83) Chrysene	21.30	228	360769	9.547	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	164436	7.812	ng		98
85) Di-n-octyl phthalate	22.04	149	289210	8.266	ng		99
86) Indeno(1,2,3-cd)pyrene	25.78	276	430947	9.587	ng		100
88) Benzo(b)fluoranthene	22.83	252	386119	9.373	ng		98
89) Benzo(k)fluoranthene	22.87	252	366963	9.766	ng		100
90) Benzo(a)pyrene	23.41	252	354433	9.472	ng		99
91) Dibenzo(a,h)anthracene	25.79	278	363511	9.342	ng		98
92) Benzo(g,h,i)perylene	26.47	276	345951	9.364	ng		99

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

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