Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020287.D
Acq On : 12 May 2019 01:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/14/2019 8:06:03 PM

Quant Time: May 12 04:30:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	84583	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	321766	20.00	ng		-0.03
39) Acenaphthene-d10	14.41	164	189206	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	439463	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	479091	20.00	ng		-0.02
87) Perylene-d12	23.64	264	568223	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	445457	86.09	ng		-0.02
7) Phenol-d6	6.93	99	593524	83.96	ng		-0.02
23) Nitrobenzene-d5	8.93	82	655054	80.37	ng		-0.02
42) 2,4,6-Tribromophenol	15.91	330	249612	84.99	ng		-0.01
45) 2-Fluorobiphenyl	13.03	172	1256565	81.71	ng		-0.03
79) Terphenyl-d14	19.79	244	2148318	78.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	107369	42.307	ng		91
3) Pyridine	3.69	79	300743	46.335	ng		95
4) n-Nitrosodimethylamine	3.61	42	85985	41.312	ng	#	68
6) Aniline	7.10	93	365039	41.021	ng		99
8) 2-Chlorophenol	7.33	128	238235	42.283	ng		99
9) Benzaldehyde	6.92	77	198263	37.055	ng		92
10) Phenol	6.96	94	315745	41.490	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	233191	42.159	ng		98
12) 1,3-Dichlorobenzene	7.65	146	271050	41.347	ng		96
13) 1,4-Dichlorobenzene	7.80	146	271538	41.003	ng		97
14) 1,2-Dichlorobenzene	8.12	146	262354	41.583	ng		97
15) Benzyl Alcohol	8.01	79	248186	36.409	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.30	45	180027	39.251	ng		98
17) 2-Methylphenol	8.20	107	195820	39.972	ng		95
18) Hexachloroethane	8.83	117	111174	40.262	ng		97
19) n-Nitroso-di-n-propylamine	8.57	70	224106	37.054	ng		97
20) 3+4-Methylphenols	8.53	107	259173	39.806	ng		95
22) Acetophenone	8.59	105	347627	39.530	ng		97
24) Nitrobenzene	8.97	77	336586	39.831	ng		96
25) Isophorone	9.49	82	545482	38.811	ng		99
26) 2-Nitrophenol	9.68	139	125649	49.252	ng		94
27) 2,4-Dimethylphenol	9.73	122	170639	40.176	ng		98
28) bis(2-Chloroethoxy)methane	9.97	93	307496	40.171	ng		98
29) 2,4-Dichlorophenol	10.20	162	221417	41.343	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	268539	40.750	ng		98
31) Naphthalene	10.61	128	682218	40.857	ng		100
32) Benzoic acid	9.89	122	124663m	42.182	ng		
33) 4-Chloroaniline	10.73	127	273663	39.820	ng		97
34) Hexachlorobutadiene	10.87	225	177741	38.128	ng		96
35) Caprolactam	11.55	113	68894m	43.021	ng		
36) 4-Chloro-3-methylphenol	11.85	107	241802	38.420	ng		95
37) 2-Methylnaphthalene	12.22	142	482718	39.654	ng		95
38) 1-Methylnaphthalene	12.45	142	473949	39.815	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	302950	40.926	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	189291	43.429	ng		99
43) 2,4,6-Trichlorophenol	12.84	196	183280	43.565	ng		99
44) 2,4,5-Trichlorophenol	12.91	196	192816	41.026	ng		97
46) 1,1'-Biphenyl	13.25	154	645625	41.457	ng		98
47) 2-Chloronaphthalene	13.29	162	518204	41.676	ng		100
48) 2-Nitroaniline	13.50	65	176654	39.906	ng		89
49) Acenaphthylene	14.13	152	818371	41.125	ng		99
50) Dimethylphthalate	13.87	163	620364	38.577	ng		99
51) 2,6-Dinitrotoluene	14.00	165	141421	41.754	ng		91
52) Acenaphthene	14.48	154	465733	40.813	ng		98
53) 3-Nitroaniline	14.34	138	130527	41.522	ng		96
54) 2,4-Dinitrophenol	14.55	184	71787	46.304	ng		92
55) Dibenzofuran	14.82	168	776130	40.321	ng		97
56) 4-Nitrophenol	14.64	139	103914	38.744	ng		89
57) 2,4-Dinitrotoluene	14.79	165	196766	42.754	ng		90
58) Fluorene	15.46	166	632307	39.998	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	180001	40.303	ng		98
60) Diethylphthalate	15.24	149	611923	37.770	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	352930	39.402	ng		96
62) 4-Nitroaniline	15.50	138	122467	35.301	ng		94
63) Azobenzene	15.75	77	710505	37.174	ng		97
65) 4,6-Dinitro-2-methylphenol	15.55	198	107930	48.575	ng		98
66) n-Nitrosodiphenylamine	15.67	169	538314	41.628	ng		98
67) 4-Bromophenyl-phenylether	16.35	248	216843	40.238	ng		98
68) Hexachlorobenzene	16.46	284	250234	40.352	ng		97
69) Atrazine	16.63	200	185898	36.786	ng		99
70) Pentachlorophenol	16.81	266	158863	44.774	ng		97
71) Phenanthrene	17.20	178	997068	41.101	ng		100
72) Anthracene	17.30	178	992144	40.906	ng		100
73) Carbazole	17.57	167	890590	40.694	ng		99
74) Di-n-butylphthalate	18.12	149	1035713	39.325	ng		98
75) Fluoranthene	19.22	202	1249327	40.703	ng		99
77) Benzidine	19.42	184	557697	36.411	ng		99
78) Pyrene	19.59	202	1297897	40.350	ng		99
80) Butylbenzylphthalate	20.49	149	499264	42.683	ng		97
81) Benzo(a)anthracene	21.34	228	1367412	40.698	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	527243	41.115	ng		100
83) Chrysene	21.39	228	1332078	40.880	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	723029	39.835	ng		100
85) Di-n-octyl phthalate	22.14	149	1271124	42.135	ng		97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1803696	46.536	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1434172	38.222	ng		99
89) Benzo(k)fluoranthene	22.99	252	1400906	40.929	ng		98
90) Benzo(a)pyrene	23.54	252	1374269	40.322	ng		98
91) Dibenzo(a,h)anthracene	25.98	278	1526073	43.055	ng		99
92) Benzo(g,h,i)perylene	26.69	276	1468572	43.641	ng		99

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

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