Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020660.D
Acq On : 01 Jun 2019 20:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/3/2019 8:52:11 AM

Quant Time: Jun 03 03:35:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	369408	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1655731	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	974621	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	2162719	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1729416	20.00	ng	0.00
87) Perylene-d12	23.68	264	1738183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1771289	84.35	ng	0.00
7) Phenol-d6	7.00	99	2493288	80.63	ng	0.00
23) Nitrobenzene-d5	9.00	82	2601221	81.40	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1081418	89.55	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	5779372	78.83	ng	0.00
79) Terphenyl-d14	19.84	244	8714101	84.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	349256	40.621	ng	97
3) Pyridine	3.75	79	1135058	41.493	ng	98
4) n-Nitrosodimethylamine	3.66	42	458988	38.922	ng	98
6) Aniline	7.16	93	1722988	38.509	ng	99
8) 2-Chlorophenol	7.39	128	1059044	40.537	ng	99
9) Benzaldehyde	6.98	77	726992	40.487	ng	99
10) Phenol	7.02	94	1348649	40.471	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	1034756	38.964	ng	98
12) 1,3-Dichlorobenzene	7.72	146	1190662	39.655	ng	99
13) 1,4-Dichlorobenzene	7.87	146	1210806	39.668	ng	98
14) 1,2-Dichlorobenzene	8.18	146	1164774	39.212	ng	100
15) Benzyl Alcohol	8.07	79	1063284	38.869	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1512320	36.885	ng	99
17) 2-Methylphenol	8.27	107	921262	39.315	ng	98
18) Hexachloroethane	8.90	117	461289	39.472	ng	98
19) n-Nitroso-di-n-propylamine	8.65	70	919951	37.010	ng	99
20) 3+4-Methylphenols	8.60	107	1259704	39.512	ng	99
22) Acetophenone	8.66	105	1643957	39.085	ng	98
24) Nitrobenzene	9.04	77	1301263	39.887	ng	98
25) Isophorone	9.56	82	2473815	38.916	ng	99
26) 2-Nitrophenol	9.74	139	586370	48.227	ng	100
27) 2,4-Dimethylphenol	9.80	122	916141	40.211	ng	99
28) bis(2-Chloroethoxy)methane	10.04	93	1509108	39.264	ng	99
29) 2,4-Dichlorophenol	10.27	162	1045479	41.476	ng	99
30) 1,2,4-Trichlorobenzene	10.49	180	1160947	40.055	ng	99
31) Naphthalene	10.67	128	3379496	39.692	ng	99
32) Benzoic acid	9.96	122	824817m	56.499	ng	
33) 4-Chloroaniline	10.79	127	1573927	39.721	ng	98
34) Hexachlorobutadiene	10.95	225	687675	39.542	ng	98
35) Caprolactam	11.59	113	387702m	44.274	ng	
36) 4-Chloro-3-methylphenol	11.90	107	1186842	40.497	ng	99
37) 2-Methylnaphthalene	12.29	142	2488100	39.425	ng	100
38) 1-Methylnaphthalene	12.50	142	2357681	39.234	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1255101	39.296	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	731693	38.305	ng		100
43) 2,4,6-Trichlorophenol	12.89	196	883526	42.976	ng		98
44) 2,4,5-Trichlorophenol	12.96	196	910351	42.891	ng		97
46) 1,1'-Biphenyl	13.30	154	3223278	39.599	ng		99
47) 2-Chloronaphthalene	13.35	162	2600256	39.581	ng		100
48) 2-Nitroaniline	13.55	65	888783	43.105	ng		95
49) Acenaphthylene	14.19	152	4075581	39.760	ng		99
50) Dimethylphthalate	13.93	163	3337547	40.083	ng		99
51) 2,6-Dinitrotoluene	14.05	165	707659	41.855	ng		95
52) Acenaphthene	14.53	154	2435125	39.864	ng		99
53) 3-Nitroaniline	14.39	138	791658	41.950	ng		94
54) 2,4-Dinitrophenol	14.58	184	287726	43.227	ng		97
55) Dibenzofuran	14.87	168	3754298	39.571	ng		100
56) 4-Nitrophenol	14.68	139	594452	42.746	ng		96
57) 2,4-Dinitrotoluene	14.84	165	988824	43.680	ng		97
58) Fluorene	15.52	166	3138779	40.230	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	797613	43.126	ng		99
60) Diethylphthalate	15.30	149	3485050	40.582	ng		100
61) 4-Chlorophenyl-phenylether	15.52	204	1654835	40.059	ng		95
62) 4-Nitroaniline	15.55	138	831993	41.570	ng		95
63) Azobenzene	15.81	77	3253272	39.514	ng		97
65) 4,6-Dinitro-2-methylphenol	15.60	198	400946	42.075	ng		98
66) n-Nitrosodiphenylamine	15.73	169	2749073	39.707	ng		100
67) 4-Bromophenyl-phenylether	16.41	248	1022278	40.146	ng		95
68) Hexachlorobenzene	16.52	284	1181678	39.741	ng		97
69) Atrazine	16.69	200	914204	44.243	ng		100
70) Pentachlorophenol	16.86	266	652056	45.968	ng		100
71) Phenanthrene	17.26	178	4829639	39.397	ng		100
72) Anthracene	17.34	178	4840193	39.448	ng		100
73) Carbazole	17.62	167	4295349	38.577	ng		100
74) Di-n-butylphthalate	18.19	149	6032178	41.734	ng		99
75) Fluoranthene	19.27	202	5307271	38.930	ng		99
77) Benzidine	19.46	184	2146301	40.958	ng		100
78) Pyrene	19.63	202	5314416	40.044	ng		100
80) Butylbenzylphthalate	20.53	149	2583901	46.071	ng		96
81) Benzo(a)anthracene	21.37	228	4783408	39.718	ng		100
82) 3,3'-Dichlorobenzidine	21.31	252	1915910	43.443	ng		99
83) Chrysene	21.43	228	4569933	39.919	ng		100
84) Bis(2-ethylhexyl)phthalate	21.31	149	3773629	46.295	ng	#	99
85) Di-n-octyl phthalate	22.20	149	6049168	46.744	ng		98
86) Indeno(1,2,3-cd)pyrene	26.01	276	4833186	41.267	ng		99
88) Benzo(b)fluoranthene	22.99	252	4463108	38.849	ng		99
89) Benzo(k)fluoranthene	23.03	252	4446424	39.605	ng		99
90) Benzo(a)pyrene	23.58	252	4128594	39.620	ng		100
91) Dibenzo(a,h)anthracene	26.03	278	4021033	39.774	ng		100
92) Benzo(g,h,i)perylene	26.73	276	3713506	39.546	ng		99

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

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