Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020644.D
Acq On : 01 Jun 2019 11:20
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/3/2019 8:52:05 AM

Quant Time: Jun 03 01:29:10 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	297072	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1338234	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	767888	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1646238	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1291691	20.00	ng		0.00
87) Perylene-d12	23.68	264	1263284	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1363281	80.72	ng		0.00
7) Phenol-d6	6.99	99	1956729	78.69	ng		0.00
23) Nitrobenzene-d5	8.99	82	2085323	80.74	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	794486	83.51	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	4606264	79.75	ng		0.00
79) Terphenyl-d14	19.84	244	6536191	84.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	281238	40.675	ng		98
3) Pyridine	3.75	79	899006	40.866	ng		99
4) n-Nitrosodimethylamine	3.66	42	373851	39.422	ng		97
6) Aniline	7.16	93	1392050	38.689	ng		100
8) 2-Chlorophenol	7.39	128	829517	39.483	ng		99
9) Benzaldehyde	6.98	77	576086	39.692	ng		95
10) Phenol	7.02	94	1051308	39.231	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	832169	38.965	ng		98
12) 1,3-Dichlorobenzene	7.72	146	958130	39.681	ng		97
13) 1,4-Dichlorobenzene	7.87	146	972638	39.624	ng		99
14) 1,2-Dichlorobenzene	8.18	146	937585	39.249	ng		100
15) Benzyl Alcohol	8.07	79	847487	38.524	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1240180	37.612	ng		100
17) 2-Methylphenol	8.27	107	727716	38.618	ng		99
18) Hexachloroethane	8.90	117	365724	38.915	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	752511	37.646	ng		100
20) 3+4-Methylphenols	8.60	107	983677	38.367	ng		99
22) Acetophenone	8.66	105	1330529	39.138	ng	#	97
24) Nitrobenzene	9.03	77	1048677	39.771	ng		99
25) Isophorone	9.56	82	1995091	38.832	ng		99
26) 2-Nitrophenol	9.74	139	431292	43.888	ng		99
27) 2,4-Dimethylphenol	9.80	122	728171	39.544	ng		99
28) bis(2-Chloroethoxy)methane	10.04	93	1217711	39.199	ng		100
29) 2,4-Dichlorophenol	10.27	162	818468	40.173	ng		98
30) 1,2,4-Trichlorobenzene	10.49	180	928424	39.632	ng		100
31) Naphthalene	10.67	128	2720265	39.529	ng		100
32) Benzoic acid	9.94	122	561497m	48.397	ng		
33) 4-Chloroaniline	10.79	127	1248138	38.972	ng		99
34) Hexachlorobutadiene	10.95	225	550170	39.141	ng		99
35) Caprolactam	11.58	113	299705m	42.345	ng		
36) 4-Chloro-3-methylphenol	11.90	107	933292	39.401	ng		99
37) 2-Methylnaphthalene	12.29	142	2000306	39.215	ng		99
38) 1-Methylnaphthalene	12.50	142	1890016	38.914	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	991103	39.385	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	595213	39.549	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	676388	41.758	ng	100
44) 2,4,5-Trichlorophenol	12.96	196	691297	41.339	ng	97
46) 1,1'-Biphenyl	13.30	154	2562911	39.963	ng	99
47) 2-Chloronaphthalene	13.35	162	2062364	39.845	ng	99
48) 2-Nitroaniline	13.55	65	687169	42.299	ng	94
49) Acenaphthylene	14.19	152	3221899	39.894	ng	99
50) Dimethylphthalate	13.93	163	2644697	40.313	ng	100
51) 2,6-Dinitrotoluene	14.05	165	555016	41.665	ng	95
52) Acenaphthene	14.53	154	1913512	39.758	ng	98
53) 3-Nitroaniline	14.38	138	623172	41.912	ng	99
54) 2,4-Dinitrophenol	14.58	184	212624	40.995	ng	96
55) Dibenzofuran	14.87	168	2947731	39.435	ng	100
56) 4-Nitrophenol	14.67	139	470076	42.903	ng	96
57) 2,4-Dinitrotoluene	14.83	165	756897	42.436	ng	98
58) Fluorene	15.52	166	2453855	39.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	602091	41.319	ng	99
60) Diethylphthalate	15.30	149	2738315	40.471	ng	100
61) 4-Chlorophenyl-phenylether	15.52	204	1284598	39.468	ng	98
62) 4-Nitroaniline	15.54	138	664987	42.171	ng	95
63) Azobenzene	15.81	77	2574502	39.689	ng	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	294522	40.911	ng	98
66) n-Nitrosodiphenylamine	15.73	169	2130338	40.424	ng	100
67) 4-Bromophenyl-phenylether	16.41	248	776711	40.072	ng	96
68) Hexachlorobenzene	16.51	284	889727	39.310	ng	99
69) Atrazine	16.69	200	701683	44.612	ng	99
70) Pentachlorophenol	16.86	266	472369	43.748	ng	99
71) Phenanthrene	17.26	178	3730602	39.979	ng	100
72) Anthracene	17.34	178	3722158	39.854	ng	99
73) Carbazole	17.62	167	3391906	40.021	ng	100
74) Di-n-butylphthalate	18.19	149	4603324	41.841	ng	100
75) Fluoranthene	19.27	202	4003646	38.581	ng	99
77) Benzidine	19.46	184	1864565	47.639	ng	100
78) Pyrene	19.63	202	3997820	40.332	ng	100
80) Butylbenzylphthalate	20.53	149	1869637	44.633	ng	99
81) Benzo(a)anthracene	21.37	228	3543708	39.396	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	1418094	43.052	ng	100
83) Chrysene	21.43	228	3353584	39.221	ng	100
84) Bis(2-ethylhexyl)phthalate	21.31	149	2675217	43.942	ng	99
85) Di-n-octyl phthalate	22.21	149	4239342	43.860	ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	3492192	39.922	ng	100
88) Benzo(b)fluoranthene	22.99	252	3328603	39.865	ng	100
89) Benzo(k)fluoranthene	23.04	252	3088598	37.852	ng	99
90) Benzo(a)pyrene	23.58	252	2979471	39.341	ng	99
91) Dibenzo(a,h)anthracene	26.03	278	2894227	39.390	ng	99
92) Benzo(g,h,i)perylene	26.72	276	2702075	39.592	ng	99

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

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