Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022432.D
Acq On : 30 Aug 2019 09:07
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/31/2019 2:43:43 PM

Quant Time: Aug 30 15:08:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	22452	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	99722	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	72324	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	172263	20.00	ng		0.00
76) Chrysene-d12	21.17	240	254436	20.00	ng		0.00
87) Perylene-d12	23.36	264	244193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	107438	84.00	ng		0.00
7) Phenol-d6	6.72	99	147516	86.24	ng		0.00
23) Nitrobenzene-d5	8.70	82	189839	83.38	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	117985	79.72	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	491495	76.99	ng		0.00
79) Terphenyl-d14	19.60	244	1412050	73.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	23633	40.040	ng		98
3) Pyridine	3.53	79	65635	46.230	ng		98
4) n-Nitrosodimethylamine	3.46	42	40467	41.342	ng	#	98
6) Aniline	6.88	93	95108	43.630	ng		99
8) 2-Chlorophenol	7.09	128	63091	42.853	ng		98
9) Benzaldehyde	6.70	77	47784	44.840	ng		91
10) Phenol	6.75	94	74508	43.361	ng		99
11) bis(2-Chloroethyl)ether	6.97	93	58755	45.308	ng		98
12) 1,3-Dichlorobenzene	7.41	146	75590	42.315	ng		98
13) 1,4-Dichlorobenzene	7.56	146	77315	42.716	ng		96
14) 1,2-Dichlorobenzene	7.86	146	76422	42.117	ng		96
15) Benzyl Alcohol	7.79	79	73538	45.317	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	74241	44.177	ng		97
17) 2-Methylphenol	7.98	107	53834	43.080	ng		96
18) Hexachloroethane	8.56	117	34264	40.829	ng		98
19) n-Nitroso-di-n-propylamine	8.34	70	57740	43.495	ng		98
20) 3+4-Methylphenols	8.32	107	74386	43.835	ng		99
22) Acetophenone	8.36	105	113621	41.261	ng		98
24) Nitrobenzene	8.74	77	91238	41.628	ng		97
25) Isophorone	9.26	82	153616	42.971	ng		98
26) 2-Nitrophenol	9.44	139	38061	43.352	ng		98
27) 2,4-Dimethylphenol	9.50	122	54865	41.894	ng		95
28) bis(2-Chloroethoxy)methane	9.73	93	86701	41.914	ng		96
29) 2,4-Dichlorophenol	9.97	162	70825	41.334	ng		94
30) 1,2,4-Trichlorobenzene	10.16	180	88413	40.521	ng		98
31) Naphthalene	10.35	128	212706	41.008	ng		98
32) Benzoic acid	9.72	122	46818	45.388	ng		98
33) 4-Chloroaniline	10.49	127	95949	42.992	ng		97
34) Hexachlorobutadiene	10.59	225	83942	39.004	ng		96
35) Caprolactam	11.33	113	21519m	49.410	ng		
36) 4-Chloro-3-methylphenol	11.63	107	76617	42.424	ng		97
37) 2-Methylnaphthalene	11.97	142	159726	40.523	ng		98
38) 1-Methylnaphthalene	12.19	142	154139	40.515	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	132149	38.500	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	44094	38.180	ng		95
43) 2,4,6-Trichlorophenol	12.61	196	75956	40.997	ng		98
44) 2,4,5-Trichlorophenol	12.69	196	75003	40.827	ng		97
46) 1,1'-Biphenyl	13.00	154	233943	39.587	ng		98
47) 2-Chloronaphthalene	13.05	162	186564	39.760	ng		100
48) 2-Nitroaniline	13.30	65	64873	42.926	ng		100
49) Acenaphthylene	13.91	152	286821	40.500	ng		98
50) Dimethylphthalate	13.66	163	259791	41.300	ng		100
51) 2,6-Dinitrotoluene	13.80	165	52888	42.801	ng		96
52) Acenaphthene	14.25	154	169455	39.897	ng		99
53) 3-Nitroaniline	14.14	138	51608	43.497	ng		95
54) 2,4-Dinitrophenol	14.38	184	28151	42.251	ng		97
55) Dibenzofuran	14.59	168	285758	39.938	ng		99
56) 4-Nitrophenol	14.48	139	33684	45.116	ng		96
57) 2,4-Dinitrotoluene	14.61	165	77604	43.683	ng	#	92
58) Fluorene	15.24	166	255229	39.927	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	85857	41.470	ng		99
60) Diethylphthalate	15.03	149	273131	41.569	ng		99
61) 4-Chlorophenyl-phenylether	15.24	204	171823	39.089	ng		99
62) 4-Nitroaniline	15.33	138	53034	47.757	ng		91
63) Azobenzene	15.54	77	268139	40.882	ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	43926	42.733	ng		100
66) n-Nitrosodiphenylamine	15.47	169	207863	39.967	ng		97
67) 4-Bromophenyl-phenylether	16.14	248	106189	39.179	ng		95
68) Hexachlorobenzene	16.24	284	123236	40.140	ng		95
69) Atrazine	16.44	200	87028	39.303	ng		99
70) Pentachlorophenol	16.61	266	59529	43.350	ng		98
71) Phenanthrene	17.00	178	408363	40.669	ng		99
72) Anthracene	17.09	178	401238	40.614	ng		100
73) Carbazole	17.38	167	351220	43.009	ng		99
74) Di-n-butylphthalate	17.92	149	480549	43.398	ng		99
75) Fluoranthene	19.03	202	594564	44.464	ng		99
77) Benzidine	19.24	184	204140	47.648	ng		100
78) Pyrene	19.40	202	614659	35.448	ng		99
80) Butylbenzylphthalate	20.30	149	248756	41.107	ng		99
81) Benzo(a)anthracene	21.16	228	760373	41.636	ng		100
82) 3,3'-Dichlorobenzidine	21.10	252	255368	45.078	ng		98
83) Chrysene	21.21	228	715820	41.180	ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	370178	45.052	ng		97
85) Di-n-octyl phthalate	21.94	149	638275	48.368	ng		99
86) Indeno(1,2,3-cd)pyrene	25.55	276	704073	40.268	ng		99
88) Benzo(b)fluoranthene	22.71	252	729257	42.988	ng		99
89) Benzo(k)fluoranthene	22.76	252	699260	41.551	ng		99
90) Benzo(a)pyrene	23.27	252	629834	41.829	ng		98
91) Dibenzo(a,h)anthracene	25.55	278	594969	39.626	ng		98
92) Benzo(g,h,i)perylene	26.21	276	481989	36.833	ng		99

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

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