Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022412.D
Acq On : 29 Aug 2019 17:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/30/2019 10:29:49 AM

Quant Time: Aug 29 18:37:32 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	7.53	152	19068	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	86967	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	61939	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	136644	20.00	ng		0.00
76) Chrysene-d12	21.17	240	143043	20.00	ng		0.00
87) Perylene-d12	23.36	264	134575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	85154	78.39	ng		0.00
7) Phenol-d6	6.72	99	118379	81.49	ng		0.00
23) Nitrobenzene-d5	8.70	82	157513	79.33	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	92050	72.63	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	418431	76.53	ng		0.00
79) Terphenyl-d14	19.60	244	848385	78.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	19955	39.809	ng		99
3) Pyridine	3.53	79	48011	39.818	ng		97
4) n-Nitrosodimethylamine	3.46	42	35049	42.161	ng	#	96
6) Aniline	6.88	93	75427	40.742	ng		98
8) 2-Chlorophenol	7.10	128	49802	39.830	ng		97
9) Benzaldehyde	6.70	77	39181	43.292	ng		94
10) Phenol	6.75	94	58316	39.960	ng		99
11) bis(2-Chloroethyl)ether	6.98	93	45774	41.562	ng		96
12) 1,3-Dichlorobenzene	7.41	146	60820	40.090	ng		98
13) 1,4-Dichlorobenzene	7.56	146	62155	40.435	ng		97
14) 1,2-Dichlorobenzene	7.87	146	61747	40.069	ng		95
15) Benzyl Alcohol	7.79	79	57575	41.777	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	59278	41.534	ng		97
17) 2-Methylphenol	7.98	107	44029	41.486	ng		98
18) Hexachloroethane	8.57	117	29880	41.924	ng		99
19) n-Nitroso-di-n-propylamine	8.34	70	46825	41.533	ng		97
20) 3+4-Methylphenols	8.32	107	60123	41.718	ng		95
22) Acetophenone	8.36	105	93787	39.054	ng	#	99
24) Nitrobenzene	8.74	77	75220	39.353	ng		99
25) Isophorone	9.26	82	124360	39.889	ng		97
26) 2-Nitrophenol	9.44	139	29980	39.156	ng		95
27) 2,4-Dimethylphenol	9.50	122	44896	39.310	ng		94
28) bis(2-Chloroethoxy)methane	9.74	93	72536	40.209	ng		96
29) 2,4-Dichlorophenol	9.97	162	57655	38.583	ng		96
30) 1,2,4-Trichlorobenzene	10.16	180	73402	38.575	ng		99
31) Naphthalene	10.35	128	177567	39.254	ng		99
32) Benzoic acid	9.72	122	35229	39.162	ng		96
33) 4-Chloroaniline	10.49	127	76490	39.299	ng		95
34) Hexachlorobutadiene	10.60	225	73309	39.060	ng		97
35) Caprolactam	11.33	113	15262m	40.183	ng		
36) 4-Chloro-3-methylphenol	11.62	107	63754	40.479	ng		94
37) 2-Methylnaphthalene	11.97	142	135119	39.307	ng		98
38) 1-Methylnaphthalene	12.20	142	129973	39.174	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	114765	39.042	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	37260	37.821 ng	96
43) 2,4,6-Trichlorophenol	12.61	196	62200	39.201 ng	97
44) 2,4,5-Trichlorophenol	12.69	196	60928	38.726 ng	97
46) 1,1'-Biphenyl	13.01	154	194159	38.364 ng	99
47) 2-Chloronaphthalene	13.05	162	155872	38.788 ng	98
48) 2-Nitroaniline	13.30	65	52571	40.619 ng	100
49) Acenaphthylene	13.91	152	236981	39.073 ng	99
50) Dimethylphthalate	13.66	163	210668	39.105 ng	100
51) 2,6-Dinitrotoluene	13.80	165	40793	38.548 ng	96
52) Acenaphthene	14.25	154	141501	38.901 ng	97
53) 3-Nitroaniline	14.15	138	40389	39.749 ng	94
54) 2,4-Dinitrophenol	14.38	184	21617	38.740 ng	94
55) Dibenzofuran	14.59	168	239235	39.042 ng	100
56) 4-Nitrophenol	14.48	139	23825	38.342 ng	94
57) 2,4-Dinitrotoluene	14.62	165	59550	39.140 ng	91
58) Fluorene	15.25	166	205608	37.558 ng	96
59) 2,3,4,6-Tetrachlorophenol	14.83	232	68975	38.901 ng	97
60) Diethylphthalate	15.03	149	216536	38.481 ng	99
61) 4-Chlorophenyl-phenylether	15.24	204	140976	37.449 ng	99
62) 4-Nitroaniline	15.33	138	37748	39.691 ng	97
63) Azobenzene	15.54	77	223968	39.873 ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	33432	41.002 ng	98
66) n-Nitrosodiphenylamine	15.47	169	165724	40.171 ng	97
67) 4-Bromophenyl-phenylether	16.14	248	86313	40.147 ng	93
68) Hexachlorobenzene	16.24	284	96706	39.710 ng	99
69) Atrazine	16.44	200	71540	40.730 ng	99
70) Pentachlorophenol	16.61	266	42977	39.454 ng	95
71) Phenanthrene	17.00	178	311982	39.169 ng	98
72) Anthracene	17.09	178	310519	39.624 ng	98
73) Carbazole	17.38	167	253761	39.175 ng	99
74) Di-n-butylphthalate	17.93	149	340302	38.744 ng	99
75) Fluoranthene	19.03	202	398510	37.570 ng	99
77) Benzidine	19.24	184	116458	48.350 ng	99
78) Pyrene	19.40	202	410176	42.076 ng	99
80) Butylbenzylphthalate	20.30	149	135623	39.865 ng	98
81) Benzo(a)anthracene	21.16	228	404526	39.400 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	127774	40.120 ng	99
83) Chrysene	21.21	228	381712	39.060 ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	175817	38.061 ng	97
85) Di-n-octyl phthalate	21.94	149	279451	37.667 ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	401808	40.877 ng	99
88) Benzo(b)fluoranthene	22.70	252	361688	38.687 ng	99
89) Benzo(k)fluoranthene	22.75	252	351254	37.873 ng	98
90) Benzo(a)pyrene	23.27	252	322080	38.813 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	326938	39.511 ng	98
92) Benzo(g,h,i)perylene	26.21	276	301025	41.741 ng	99

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

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