Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022196.D
Acq On : 19 Aug 2019 19:03
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:10 PM

Quant Time: Aug 20 01:50:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 01:26:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	35976	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	155396	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	103823	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	211809	20.00	ng		0.00
76) Chrysene-d12	21.20	240	192738	20.00	ng		0.00
87) Perylene-d12	23.40	264	182098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	166285	83.69	ng		0.00
7) Phenol-d6	6.76	99	224100	77.45	ng		0.00
23) Nitrobenzene-d5	8.75	82	264196	88.61	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	136427	70.03	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	651975	77.18	ng		0.00
79) Terphenyl-d14	19.63	244	1126524	109.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	33915	45.308	ng	#	91
3) Pyridine	3.57	79	82027	38.107	ng	#	89
4) n-Nitrosodimethylamine	3.49	42	52084	62.841	ng	#	58
6) Aniline	6.92	93	143874	37.336	ng		95
8) 2-Chlorophenol	7.14	128	100022	40.905	ng		93
9) Benzaldehyde	6.75	77	69629	45.491	ng		92
10) Phenol	6.79	94	118426	40.065	ng		84
11) bis(2-Chloroethyl)ether	7.02	93	92722	39.621	ng		97
12) 1,3-Dichlorobenzene	7.46	146	117610	39.700	ng	#	90
13) 1,4-Dichlorobenzene	7.60	146	119426	39.651	ng		97
14) 1,2-Dichlorobenzene	7.92	146	116424	39.443	ng		98
15) Benzyl Alcohol	7.83	79	98156m	41.899	ng		
16) 2,2'-oxybis(1-Chloropropan	8.10	45	127755	42.206	ng		97
17) 2-Methylphenol	8.02	107	84528	40.035	ng	#	92
18) Hexachloroethane	8.62	117	52207	48.276	ng		92
19) n-Nitroso-di-n-propylamine	8.39	70	90244	42.861	ng	#	90
20) 3+4-Methylphenols	8.36	107	115739	39.824	ng		94
22) Acetophenone	8.40	105	162360	41.000	ng	#	89
24) Nitrobenzene	8.79	77	136253	46.131	ng		92
25) Isophorone	9.30	82	240174	43.050	ng		96
26) 2-Nitrophenol	9.49	139	60024	41.504	ng	#	77
27) 2,4-Dimethylphenol	9.55	122	86876	41.185	ng		93
28) bis(2-Chloroethoxy)methane	9.78	93	140332	40.479	ng		99
29) 2,4-Dichlorophenol	10.01	162	106418	38.981	ng		95
30) 1,2,4-Trichlorobenzene	10.21	180	123634	38.418	ng		98
31) Naphthalene	10.40	128	329803	40.104	ng		99
32) Benzoic acid	9.74	122	76946m	45.091	ng		
33) 4-Chloroaniline	10.53	127	138742	37.165	ng		94
34) Hexachlorobutadiene	10.65	225	105513	51.927	ng		97
35) Caprolactam	11.37	113	30318m	35.505	ng		
36) 4-Chloro-3-methylphenol	11.66	107	115554	41.596	ng		96
37) 2-Methylnaphthalene	12.02	142	245384	38.780	ng	#	93
38) 1-Methylnaphthalene	12.24	142	236819	39.239	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	159742	40.650	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	72124	31.660	ng		96
43) 2,4,6-Trichlorophenol	12.65	196	94477	36.333	ng		96
44) 2,4,5-Trichlorophenol	12.73	196	100296	37.246	ng	#	94
46) 1,1'-Biphenyl	13.05	154	326188	36.708	ng		98
47) 2-Chloronaphthalene	13.10	162	266725	36.957	ng		95
48) 2-Nitroaniline	13.33	65	88728	44.940	ng	#	82
49) Acenaphthylene	13.95	152	427063	38.885	ng		100
50) Dimethylphthalate	13.70	163	356967	38.671	ng		99
51) 2,6-Dinitrotoluene	13.84	165	72635	36.576	ng	#	62
52) Acenaphthene	14.29	154	245145	36.995	ng		98
53) 3-Nitroaniline	14.17	138	70653	34.898	ng		94
54) 2,4-Dinitrophenol	14.40	184	38248	35.855	ng	#	65
55) Dibenzofuran	14.63	168	407558	37.702	ng	#	90
56) 4-Nitrophenol	14.50	139	51476	33.250	ng	#	61
57) 2,4-Dinitrotoluene	14.64	165	105019	38.298	ng	#	66
58) Fluorene	15.29	166	340462	38.547	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	97525	37.905	ng	#	92
60) Diethylphthalate	15.07	149	378844	41.671	ng		97
61) 4-Chlorophenyl-phenylether	15.29	204	210367	42.160	ng		94
62) 4-Nitroaniline	15.36	138	67980	31.992	ng	#	56
63) Azobenzene	15.58	77	366976	49.209	ng		84
65) 4,6-Dinitro-2-methylphenol	15.41	198	54333	41.604	ng		85
66) n-Nitrosodiphenylamine	15.51	169	278193	41.669	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	125392	44.471	ng	#	89
68) Hexachlorobenzene	16.29	284	142149	42.200	ng	#	83
69) Atrazine	16.47	200	72714	33.494	ng		97
70) Pentachlorophenol	16.64	266	69477	38.281	ng		99
71) Phenanthrene	17.03	178	502068	41.130	ng		99
72) Anthracene	17.13	178	497882	41.175	ng		98
73) Carbazole	17.42	167	422402	39.508	ng		98
74) Di-n-butylphthalate	17.96	149	628838	48.046	ng	#	98
75) Fluoranthene	19.06	202	594610	42.182	ng		99
77) Benzidine	19.27	184	176691	31.570	ng		99
78) Pyrene	19.43	202	595676	42.615	ng		99
80) Butylbenzylphthalate	20.33	149	254482	45.676	ng	#	83
81) Benzo(a)anthracene	21.19	228	557000	42.394	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	190436	38.268	ng		100
83) Chrysene	21.24	228	535683	42.799	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	368819	46.511	ng	#	93
85) Di-n-octyl phthalate	21.97	149	581417	46.622	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	551713	39.837	ng		97
88) Benzo(b)fluoranthene	22.74	252	496230	40.393	ng		99
89) Benzo(k)fluoranthene	22.79	252	475976	40.081	ng		99
90) Benzo(a)pyrene	23.30	252	442850	39.950	ng		99
91) Dibenzo(a,h)anthracene	25.60	278	459200	41.550	ng		98
92) Benzo(g,h,i)perylene	26.27	276	414594	40.228	ng		98

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

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