Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022201.D
Acq On : 19 Aug 2019 22:08
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM082019

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:20 PM

Quant Time: Aug 20 02:22:54 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 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	37332	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	156341	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	99102	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	201347	20.00	ng		0.00
76) Chrysene-d12	21.20	240	228325	20.00	ng		0.00
87) Perylene-d12	23.39	264	232517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	176383	84.19	ng		0.00
7) Phenol-d6	6.76	99	232126	83.20	ng		0.00
23) Nitrobenzene-d5	8.75	82	264167	82.18	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	129648	80.83	ng		0.00
45) 2-Fluorobiphenyl	12.84	172	630453	79.46	ng		0.00
79) Terphenyl-d14	19.63	244	1196597	76.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	37821	43.088	ng	#	92
3) Pyridine	3.56	79	84521	38.009	ng	#	85
4) n-Nitrosodimethylamine	3.49	42	56201	42.185	ng	#	61
6) Aniline	6.92	93	148568	39.775	ng		96
8) 2-Chlorophenol	7.14	128	104902	42.055	ng		93
9) Benzaldehyde	6.74	77	75531	42.723	ng		89
10) Phenol	6.79	94	123493	41.812	ng		85
11) bis(2-Chloroethyl)ether	7.02	93	94238	40.334	ng		94
12) 1,3-Dichlorobenzene	7.45	146	122327	40.236	ng	#	91
13) 1,4-Dichlorobenzene	7.60	146	126698	41.048	ng		97
14) 1,2-Dichlorobenzene	7.92	146	121479	40.411	ng		97
15) Benzyl Alcohol	7.83	79	98135	40.016	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.09	45	128866	39.808	ng		99
17) 2-Methylphenol	8.02	107	85445	40.560	ng	#	91
18) Hexachloroethane	8.62	117	53993	40.292	ng		92
19) n-Nitroso-di-n-propylamine	8.39	70	87632	39.878	ng	#	86
20) 3+4-Methylphenols	8.36	107	115172	40.482	ng		94
22) Acetophenone	8.40	105	160886	40.114	ng	#	90
24) Nitrobenzene	8.79	77	136605	41.508	ng		95
25) Isophorone	9.30	82	231670	40.611	ng	#	97
26) 2-Nitrophenol	9.48	139	58936	42.277	ng	#	75
27) 2,4-Dimethylphenol	9.54	122	84245	40.092	ng		89
28) bis(2-Chloroethoxy)methane	9.78	93	138018	40.896	ng		100
29) 2,4-Dichlorophenol	10.01	162	103659	40.880	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	125992	40.339	ng		98
31) Naphthalene	10.40	128	332723	40.976	ng		100
32) Benzoic acid	9.73	122	73494m	40.972	ng		
33) 4-Chloroaniline	10.53	127	135545	39.887	ng		95
34) Hexachlorobutadiene	10.65	225	109903	41.009	ng		100
35) Caprolactam	11.37	113	28502m	41.816	ng		
36) 4-Chloro-3-methylphenol	11.66	107	111982	41.781	ng		95
37) 2-Methylnaphthalene	12.02	142	240444	40.512	ng	#	93
38) 1-Methylnaphthalene	12.24	142	234100	41.294	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	158091	40.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	72485	38.189	ng		99
43) 2,4,6-Trichlorophenol	12.65	196	91983	39.556	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	94813	40.168	ng	#	94
46) 1,1'-Biphenyl	13.05	154	316373	40.593	ng		98
47) 2-Chloronaphthalene	13.09	162	254960	39.749	ng		96
48) 2-Nitroaniline	13.33	65	82699	40.790	ng		85
49) Acenaphthylene	13.95	152	403474	41.010	ng		100
50) Dimethylphthalate	13.70	163	338019	40.569	ng		100
51) 2,6-Dinitrotoluene	13.84	165	69911	42.488	ng	#	68
52) Acenaphthene	14.29	154	233946	40.775	ng		99
53) 3-Nitroaniline	14.17	138	67710	41.321	ng		98
54) 2,4-Dinitrophenol	14.40	184	36301	41.340	ng	#	67
55) Dibenzofuran	14.63	168	387786	40.674	ng	#	91
56) 4-Nitrophenol	14.50	139	46815	42.867	ng	#	54
57) 2,4-Dinitrotoluene	14.64	165	98360	41.640	ng	#	52
58) Fluorene	15.29	166	322729	40.154	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	95027	40.380	ng	#	93
60) Diethylphthalate	15.07	149	358242	40.773	ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	198418	39.171	ng		93
62) 4-Nitroaniline	15.35	138	63488	41.861	ng	#	49
63) Azobenzene	15.58	77	348974	41.218	ng		84
65) 4,6-Dinitro-2-methylphenol	15.41	198	52119	41.149	ng		89
66) n-Nitrosodiphenylamine	15.51	169	262531	40.664	ng		99
67) 4-Bromophenyl-phenylether	16.18	248	120205	40.288	ng	#	91
68) Hexachlorobenzene	16.29	284	136033	40.131	ng	#	88
69) Atrazine	16.47	200	69838	32.667	ng		96
70) Pentachlorophenol	16.64	266	66260	40.178	ng		98
71) Phenanthrene	17.03	178	480231	41.129	ng		98
72) Anthracene	17.13	178	476298	41.093	ng		99
73) Carbazole	17.41	167	408949	42.283	ng	#	97
74) Di-n-butylphthalate	17.96	149	611127	41.646	ng	#	98
75) Fluoranthene	19.06	202	606488	43.073	ng		98
77) Benzidine	19.27	184	188245	36.758	ng		100
78) Pyrene	19.43	202	619966	38.576	ng		100
80) Butylbenzylphthalate	20.33	149	280775	39.060	ng	#	86
81) Benzo(a)anthracene	21.18	228	654206	40.742	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	227250	40.591	ng		99
83) Chrysene	21.23	228	623606	40.231	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	418382	38.701	ng		94
85) Di-n-octyl phthalate	21.97	149	698720	39.932	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.60	276	737026	42.448	ng		97
88) Benzo(b)fluoranthene	22.74	252	615062	39.616	ng		99
89) Benzo(k)fluoranthene	22.78	252	610249	40.210	ng		99
90) Benzo(a)pyrene	23.30	252	566560	40.070	ng	#	98
91) Dibenzo(a,h)anthracene	25.60	278	616995	41.068	ng	#	97
92) Benzo(g,h,i)perylene	26.27	276	545001	41.493	ng		97

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

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