Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083119\
Data File : BM022464.D
Acq On : 31 Aug 2019 08:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
9/5/2019 9:12:59 AM

Quant Time: Aug 31 16:31:00 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	23429	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	100307	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	61325	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	121043	20.00	ng		0.00
76) Chrysene-d12	21.17	240	122088	20.00	ng		0.00
87) Perylene-d12	23.36	264	129949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	111721	83.70	ng		0.00
7) Phenol-d6	6.72	99	147637	82.71	ng		0.00
23) Nitrobenzene-d5	8.70	82	181557	79.28	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	82265	65.56	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	437226	80.77	ng		0.00
79) Terphenyl-d14	19.60	244	667554	72.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	24725	40.143	ng		98
3) Pyridine	3.53	79	66228	44.703	ng		98
4) n-Nitrosodimethylamine	3.46	42	41183	40.319	ng		99
6) Aniline	6.87	93	92521	40.673	ng		98
8) 2-Chlorophenol	7.09	128	63197	41.135	ng		98
9) Benzaldehyde	6.70	77	48740	43.830	ng		91
10) Phenol	6.75	94	72663	40.524	ng		98
11) bis(2-Chloroethyl)ether	6.97	93	56852	42.012	ng		97
12) 1,3-Dichlorobenzene	7.40	146	76585	41.085	ng		99
13) 1,4-Dichlorobenzene	7.56	146	78939	41.795	ng		95
14) 1,2-Dichlorobenzene	7.86	146	75908	40.089	ng		98
15) Benzyl Alcohol	7.79	79	70759	41.787	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.05	45	76092	43.391	ng		96
17) 2-Methylphenol	7.98	107	53010	40.651	ng		94
18) Hexachloroethane	8.56	117	36148	41.278	ng		98
19) n-Nitroso-di-n-propylamine	8.34	70	56031	40.447	ng		98
20) 3+4-Methylphenols	8.32	107	71512	40.384	ng		95
22) Acetophenone	8.36	105	110101	39.750	ng	#	100
24) Nitrobenzene	8.74	77	88880	40.316	ng		97
25) Isophorone	9.25	82	142751	39.699	ng		99
26) 2-Nitrophenol	9.44	139	36569	41.410	ng		94
27) 2,4-Dimethylphenol	9.50	122	52114	39.562	ng		96
28) bis(2-Chloroethoxy)methane	9.73	93	83441	40.103	ng		97
29) 2,4-Dichlorophenol	9.96	162	66769	38.740	ng		95
30) 1,2,4-Trichlorobenzene	10.16	180	86353	39.346	ng		97
31) Naphthalene	10.35	128	203249	38.956	ng		99
32) Benzoic acid	9.70	122	45179	43.543	ng		97
33) 4-Chloroaniline	10.49	127	86161	38.381	ng		98
34) Hexachlorobutadiene	10.59	225	83214	38.441	ng		97
35) Caprolactam	11.33	113	16338m	37.295	ng		
36) 4-Chloro-3-methylphenol	11.63	107	67673	37.253	ng		96
37) 2-Methylnaphthalene	11.97	142	146876	37.045	ng		98
38) 1-Methylnaphthalene	12.19	142	139114	36.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	121112	41.613	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	27262	30.871	ng		98
43) 2,4,6-Trichlorophenol	12.61	196	66536	42.354	ng		98
44) 2,4,5-Trichlorophenol	12.69	196	62450	40.091	ng		98
46) 1,1'-Biphenyl	13.00	154	205885	41.088	ng		97
47) 2-Chloronaphthalene	13.05	162	164035	41.228	ng		99
48) 2-Nitroaniline	13.30	65	52352	40.854	ng		97
49) Acenaphthylene	13.90	152	240870	40.112	ng		98
50) Dimethylphthalate	13.66	163	205181	38.468	ng		99
51) 2,6-Dinitrotoluene	13.80	165	40827	38.966	ng		93
52) Acenaphthene	14.25	154	141550	39.304	ng		98
53) 3-Nitroaniline	14.15	138	39343	39.107	ng		94
54) 2,4-Dinitrophenol	14.39	184	18093	34.030	ng		96
55) Dibenzofuran	14.59	168	232346	38.297	ng		99
56) 4-Nitrophenol	14.49	139	20633	34.315	ng		92
57) 2,4-Dinitrotoluene	14.62	165	52930	35.137	ng	#	88
58) Fluorene	15.24	166	192305	35.479	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	65806	37.486	ng		99
60) Diethylphthalate	15.03	149	203297	36.490	ng		100
61) 4-Chlorophenyl-phenylether	15.24	204	133130	35.719	ng		99
62) 4-Nitroaniline	15.33	138	35011	37.182	ng		94
63) Azobenzene	15.54	77	208311	37.457	ng		99
65) 4,6-Dinitro-2-methylphenol	15.39	198	27003	37.386	ng		98
66) n-Nitrosodiphenylamine	15.47	169	154181	42.190	ng		99
67) 4-Bromophenyl-phenylether	16.14	248	78308	41.118	ng		94
68) Hexachlorobenzene	16.24	284	86160	39.939	ng		97
69) Atrazine	16.44	200	62320	40.054	ng		97
70) Pentachlorophenol	16.62	266	37709	39.080	ng		95
71) Phenanthrene	16.99	178	266754	37.808	ng		99
72) Anthracene	17.09	178	268374	38.660	ng		99
73) Carbazole	17.38	167	213947	37.286	ng		99
74) Di-n-butylphthalate	17.92	149	298782	38.401	ng		99
75) Fluoranthene	19.03	202	323994	34.482	ng		99
77) Benzidine	19.24	184	120547	58.638	ng		100
78) Pyrene	19.39	202	331472	39.839	ng		100
80) Butylbenzylphthalate	20.30	149	127147	43.788	ng		99
81) Benzo(a)anthracene	21.16	228	346486	39.540	ng		100
82) 3,3'-Dichlorobenzidine	21.10	252	121048	44.531	ng		98
83) Chrysene	21.21	228	327528	39.268	ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	181134	45.942	ng		97
85) Di-n-octyl phthalate	21.94	149	302198	47.725	ng		100
86) Indeno(1,2,3-cd)pyrene	25.54	276	393957	46.957	ng		98
88) Benzo(b)fluoranthene	22.71	252	332862	36.871	ng		99
89) Benzo(k)fluoranthene	22.75	252	328277	36.656	ng		99
90) Benzo(a)pyrene	23.27	252	308017	38.440	ng		98
91) Dibenzo(a,h)anthracene	25.54	278	329274	41.210	ng		99
92) Benzo(g,h,i)perylene	26.22	276	295953	42.499	ng		99

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

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