Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022203.D
Acq On : 20 Aug 2019 09:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:28 PM

Quant Time: Aug 20 14:36:31 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	37352	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	159199	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	101283	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	198218	20.00	ng		0.00
76) Chrysene-d12	21.20	240	205966	20.00	ng		0.00
87) Perylene-d12	23.39	264	208680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	177076	84.48	ng		0.00
7) Phenol-d6	6.76	99	235490	84.36	ng		0.00
23) Nitrobenzene-d5	8.74	82	269325	82.28	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	128932	78.65	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	655594	80.85	ng		0.00
79) Terphenyl-d14	19.63	244	1097290	77.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	36489	41.548	ng	#	91
3) Pyridine	3.56	79	88985	39.995	ng	#	88
4) n-Nitrosodimethylamine	3.49	42	57457	43.105	ng	#	57
6) Aniline	6.92	93	145890	39.038	ng		95
8) 2-Chlorophenol	7.14	128	106602	42.714	ng		96
9) Benzaldehyde	6.74	77	76251	43.107	ng		91
10) Phenol	6.79	94	125925	42.612	ng		80
11) bis(2-Chloroethyl)ether	7.02	93	93585	40.033	ng		97
12) 1,3-Dichlorobenzene	7.45	146	120325	39.556	ng	#	92
13) 1,4-Dichlorobenzene	7.60	146	124481	40.309	ng		98
14) 1,2-Dichlorobenzene	7.91	146	121905	40.531	ng		97
15) Benzyl Alcohol	7.83	79	102435	41.747	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.10	45	130080	40.162	ng		99
17) 2-Methylphenol	8.02	107	88104	41.800	ng	#	93
18) Hexachloroethane	8.62	117	54506	40.653	ng		92
19) n-Nitroso-di-n-propylamine	8.39	70	89286	40.609	ng	#	85
20) 3+4-Methylphenols	8.35	107	119187	41.871	ng		93
22) Acetophenone	8.40	105	166818	40.846	ng	#	88
24) Nitrobenzene	8.78	77	140097	41.805	ng		91
25) Isophorone	9.30	82	236853	40.774	ng		95
26) 2-Nitrophenol	9.48	139	61018	42.985	ng	#	72
27) 2,4-Dimethylphenol	9.54	122	86891	40.609	ng		87
28) bis(2-Chloroethoxy)methane	9.78	93	139608	40.624	ng		100
29) 2,4-Dichlorophenol	10.00	162	108629	42.071	ng		96
30) 1,2,4-Trichlorobenzene	10.21	180	129987	40.871	ng		98
31) Naphthalene	10.39	128	338232	40.907	ng		100
32) Benzoic acid	9.74	122	74872m	40.991	ng		
33) 4-Chloroaniline	10.53	127	137760	39.811	ng	#	95
34) Hexachlorobutadiene	10.65	225	112578	41.253	ng		99
35) Caprolactam	11.37	113	27752m	39.985	ng		
36) 4-Chloro-3-methylphenol	11.66	107	115074	42.164	ng		97
37) 2-Methylnaphthalene	12.02	142	248944	41.191	ng	#	93
38) 1-Methylnaphthalene	12.24	142	238131	41.251	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	164320	41.447	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	107070	50.534 ng		96
43) 2,4,6-Trichlorophenol	12.65	196	94614	39.811 ng		98
44) 2,4,5-Trichlorophenol	12.73	196	99600	41.287 ng		95
46) 1,1'-Biphenyl	13.05	154	321357	40.345 ng		98
47) 2-Chloronaphthalene	13.09	162	267098	40.745 ng		96
48) 2-Nitroaniline	13.33	65	85005	41.024 ng		87
49) Acenaphthylene	13.95	152	413555	41.129 ng		100
50) Dimethylphthalate	13.70	163	342828	40.260 ng		99
51) 2,6-Dinitrotoluene	13.84	165	69466	41.309 ng	#	63
52) Acenaphthene	14.29	154	238068	40.600 ng		98
53) 3-Nitroaniline	14.17	138	66046	39.438 ng		98
54) 2,4-Dinitrophenol	14.40	184	36665	40.915 ng	#	61
55) Dibenzofuran	14.63	168	397910	40.838 ng	#	90
56) 4-Nitrophenol	14.50	139	53834	48.232 ng	#	53
57) 2,4-Dinitrotoluene	14.64	165	98757	40.907 ng	#	56
58) Fluorene	15.29	166	328333	39.971 ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	92030	38.264 ng	#	93
60) Diethylphthalate	15.07	149	356271	39.676 ng		96
61) 4-Chlorophenyl-phenylether	15.28	204	205110	39.621 ng		95
62) 4-Nitroaniline	15.35	138	61763	39.847 ng	#	53
63) Azobenzene	15.57	77	351820	40.659 ng		82
65) 4,6-Dinitro-2-methylphenol	15.41	198	50745	40.762 ng		92
66) n-Nitrosodiphenylamine	15.51	169	261867	41.202 ng		98
67) 4-Bromophenyl-phenylether	16.18	248	120915	41.166 ng		93
68) Hexachlorobenzene	16.29	284	136679	40.958 ng	#	89
69) Atrazine	16.47	200	87422	41.537 ng		98
70) Pentachlorophenol	16.64	266	72696	44.776 ng		99
71) Phenanthrene	17.03	178	470044	40.892 ng		99
72) Anthracene	17.12	178	465627	40.806 ng		98
73) Carbazole	17.41	167	393319	41.309 ng		98
74) Di-n-butylphthalate	17.96	149	576398	39.899 ng	#	98
75) Fluoranthene	19.06	202	564265	40.707 ng		99
77) Benzidine	19.27	184	163197	35.326 ng		99
78) Pyrene	19.42	202	583748	40.265 ng		99
80) Butylbenzylphthalate	20.33	149	250562	38.641 ng		88
81) Benzo(a)anthracene	21.18	228	593904	41.002 ng		99
82) 3,3'-Dichlorobenzidine	21.12	252	205463	40.683 ng		99
83) Chrysene	21.23	228	567875	40.613 ng		100
84) Bis(2-ethylhexyl)phthalate	21.10	149	378172	38.779 ng	#	92
85) Di-n-octyl phthalate	21.97	149	618942	39.213 ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.60	276	657750	41.995 ng		97
88) Benzo(b)fluoranthene	22.74	252	555978m	39.901 ng		
89) Benzo(k)fluoranthene	22.78	252	547595	40.204 ng		99
90) Benzo(a)pyrene	23.30	252	513866	40.495 ng	#	98
91) Dibenzo(a,h)anthracene	25.60	278	552984	41.012 ng	#	98
92) Benzo(g,h,i)perylene	26.26	276	488234	41.417 ng		96

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

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