Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022195.D
Acq On : 19 Aug 2019 18:26
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
8/22/2019 12:48:07 PM

Quant Time: Aug 20 01:45:29 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	38514	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	168099	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	110691	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	232876	20.00	ng		0.00
76) Chrysene-d12	21.20	240	210824	20.00	ng		0.00
87) Perylene-d12	23.40	264	212108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	84099	39.54	ng		0.00
7) Phenol-d6	6.76	99	113924	36.78	ng		0.00
23) Nitrobenzene-d5	8.74	82	134383	41.66	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	64962	31.28	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	327684	36.38	ng		0.00
79) Terphenyl-d14	19.63	244	535709	47.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	18206	22.719	ng	#	94
3) Pyridine	3.58	79	46530	20.192	ng	#	92
4) n-Nitrosodimethylamine	3.49	42	25571	28.819	ng	#	61
6) Aniline	6.92	93	77414	18.765	ng		93
8) 2-Chlorophenol	7.14	128	50644	19.346	ng		95
9) Benzaldehyde	6.75	77	40845	24.927	ng		96
10) Phenol	6.79	94	60163	19.013	ng		83
11) bis(2-Chloroethyl)ether	7.02	93	49049	19.578	ng		91
12) 1,3-Dichlorobenzene	7.46	146	61027	19.242	ng	#	90
13) 1,4-Dichlorobenzene	7.60	146	63229	19.609	ng		97
14) 1,2-Dichlorobenzene	7.92	146	61304	19.400	ng		96
15) Benzyl Alcohol	7.83	79	48129m	19.191	ng		
16) 2,2'-oxybis(1-Chloropropan	8.10	45	67687	20.888	ng		99
17) 2-Methylphenol	8.02	107	43575	19.278	ng	#	91
18) Hexachloroethane	8.62	117	27413	23.679	ng		89
19) n-Nitroso-di-n-propylamine	8.39	70	46257	20.522	ng	#	88
20) 3+4-Methylphenols	8.35	107	59241	19.041	ng		95
22) Acetophenone	8.40	105	84958	19.833	ng	#	89
24) Nitrobenzene	8.78	77	71044	22.236	ng		94
25) Isophorone	9.30	82	124050	20.555	ng		96
26) 2-Nitrophenol	9.49	139	28342	18.116	ng	#	76
27) 2,4-Dimethylphenol	9.54	122	45306	19.855	ng		94
28) bis(2-Chloroethoxy)methane	9.78	93	71842	19.157	ng		98
29) 2,4-Dichlorophenol	10.01	162	51745	17.522	ng		95
30) 1,2,4-Trichlorobenzene	10.21	180	64150	18.427	ng		96
31) Naphthalene	10.40	128	171698	19.301	ng		99
32) Benzoic acid	9.70	122	36756m	19.912	ng		
33) 4-Chloroaniline	10.54	127	72507	17.955	ng		96
34) Hexachlorobutadiene	10.65	225	54889	24.972	ng		98
35) Caprolactam	11.36	113	15284m	16.546	ng		
36) 4-Chloro-3-methylphenol	11.66	107	57591	19.164	ng		96
37) 2-Methylnaphthalene	12.02	142	126210	18.439	ng	#	93
38) 1-Methylnaphthalene	12.24	142	121870	18.667	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	80609	19.240	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	31437	12.944	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	49715	17.932	ng		97
44) 2,4,5-Trichlorophenol	12.73	196	51195	17.832	ng	#	89
46) 1,1'-Biphenyl	13.05	154	168939	17.832	ng		99
47) 2-Chloronaphthalene	13.09	162	136966	17.800	ng		95
48) 2-Nitroaniline	13.33	65	44377	21.082	ng		87
49) Acenaphthylene	13.95	152	212674	18.163	ng		100
50) Dimethylphthalate	13.70	163	186237	18.924	ng		99
51) 2,6-Dinitrotoluene	13.84	165	36006	17.006	ng	#	64
52) Acenaphthene	14.29	154	125842	17.813	ng		97
53) 3-Nitroaniline	14.17	138	36703	17.004	ng		90
54) 2,4-Dinitrophenol	14.40	184	17023	14.968	ng	#	66
55) Dibenzofuran	14.63	168	205041	17.791	ng	#	88
56) 4-Nitrophenol	14.50	139	23139	14.019	ng	#	55
57) 2,4-Dinitrotoluene	14.64	165	51504	17.617	ng	#	64
58) Fluorene	15.29	166	168269	17.869	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	52409	19.106	ng	#	93
60) Diethylphthalate	15.07	149	195925	20.213	ng		95
61) 4-Chlorophenyl-phenylether	15.29	204	102615	19.289	ng		92
62) 4-Nitroaniline	15.35	138	33312	14.704	ng	#	50
63) Azobenzene	15.58	77	191488	24.084	ng		84
65) 4,6-Dinitro-2-methylphenol	15.41	198	24987	17.402	ng		85
66) n-Nitrosodiphenylamine	15.51	169	140362	19.122	ng		95
67) 4-Bromophenyl-phenylether	16.18	248	63043	20.336	ng	#	89
68) Hexachlorobenzene	16.29	284	70945	19.156	ng	#	80
69) Atrazine	16.47	200	54968	23.029	ng		95
70) Pentachlorophenol	16.64	266	34839	17.459	ng		98
71) Phenanthrene	17.03	178	255482	19.036	ng		99
72) Anthracene	17.13	178	251392	18.909	ng		98
73) Carbazole	17.41	167	213594	18.171	ng	#	96
74) Di-n-butylphthalate	17.96	149	326119	22.663	ng	#	98
75) Fluoranthene	19.06	202	300914	19.416	ng		99
77) Benzidine	19.27	184	105426	17.221	ng		99
78) Pyrene	19.43	202	303262	19.834	ng		98
80) Butylbenzylphthalate	20.34	149	134573	22.082	ng		87
81) Benzo(a)anthracene	21.19	228	286543	19.938	ng		98
82) 3,3'-Dichlorobenzidine	21.13	252	103658	19.043	ng	#	99
83) Chrysene	21.24	228	273778	19.998	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	195533	22.543	ng	#	94
85) Di-n-octyl phthalate	21.97	149	316121	23.174	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.60	276	292070	19.280	ng		98
88) Benzo(b)fluoranthene	22.74	252	259879	18.161	ng		99
89) Benzo(k)fluoranthene	22.79	252	254884	18.427	ng		97
90) Benzo(a)pyrene	23.30	252	242066	18.748	ng		100
91) Dibenzo(a,h)anthracene	25.60	278	239286	18.588	ng		99
92) Benzo(g,h,i)perylene	26.27	276	223874	18.649	ng		98

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

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