Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016485.D
Acq On : 21 Aug 2018 14:34
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
8/22/2018 6:06:52 PM

Quant Time: Aug 21 15:15:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 14:43:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	147168	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	601489	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	397187	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1186828	20.00	ng		0.00
75) Chrysene-d12	21.55	240	1782278	20.00	ng		0.00
86) Perylene-d12	23.84	264	1910839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	783294m	89.45	ng		0.00
7) Phenol-d6	7.20	99	1026882	87.24	ng		0.00
23) Nitrobenzene-d5	9.21	82	1348232	93.35	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	1141296	190.25	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	4370655	114.42	ng		0.00
78) Terphenyl-d14	20.00	244	9665525	81.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	208859	47.626	ng	#	100
3) Pyridine	3.80	79	442161m	50.081	ng		
4) n-Nitrosodimethylamine	3.73	42	197351m	19.400	ng		
6) Aniline	7.36	93	560221	45.995	ng		91
8) 2-Chlorophenol	7.59	128	463277	42.910	ng		96
9) Benzaldehyde	7.17	77	333364m	43.074	ng		
10) Phenol	7.23	94	494735	43.391	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	374280	43.240	ng		95
12) 1,3-Dichlorobenzene	7.90	146	600652	48.542	ng	#	89
13) 1,4-Dichlorobenzene	8.06	146	600709	48.023	ng		98
14) 1,2-Dichlorobenzene	8.37	146	610904	49.715	ng		94
15) Benzyl Alcohol	8.29	79	445348	41.685	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.54	45	259402	23.807	ng	#	52
17) 2-Methylphenol	8.48	107	352987	42.844	ng	#	77
18) Hexachloroethane	9.09	117	280487	43.543	ng	#	57
19) n-Nitroso-di-n-propylamine	8.84	70	396282	44.345	ng	#	88
20) 3+4-Methylphenols	8.82	107	502497	44.382	ng		82
22) Acetophenone	8.87	105	712525	44.169	ng	#	95
24) Nitrobenzene	9.26	77	662130	47.559	ng		94
25) Isophorone	9.77	82	917734	47.642	ng	#	94
26) 2-Nitrophenol	9.96	139	287843m	49.149	ng		
27) 2,4-Dimethylphenol	10.01	122	381871m	48.775	ng		
28) bis(2-Chloroethoxy)methane	10.25	93	537071	48.198	ng		99
29) 2,4-Dichlorophenol	10.49	162	571527	53.998	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	851633	68.042	ng		95
31) Naphthalene	10.88	128	1419957	46.547	ng		99
32) Benzoic acid	10.22	122	310579m	48.839	ng		
33) 4-Chloroaniline	11.01	127	609688	46.632	ng	#	88
34) Hexachlorobutadiene	11.13	225	791483	73.361	ng		97
35) Caprolactam	11.84	113	135058m	49.773	ng		
36) 4-Chloro-3-methylphenol	12.13	107	521503	43.208	ng		89
37) 2-Methylnaphthalene	12.49	142	1140505	50.396	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	1156948	71.153	ng	#	100
40) Hexachlorocyclopentadiene	12.81	237	439353	87.076	ng		95

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42) 2,4,6-Trichlorophenol	13.10	196	722264	71.071	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	689734	69.566	ng	#	94
45) 1,1'-Biphenyl	13.50	154	1806841	49.149	ng		98
46) 2-Chloronaphthalene	13.55	162	1462414	50.991	ng		96
47) 2-Nitroaniline	13.77	65	389830	39.196	ng		85
48) Acenaphthylene	14.39	152	2080697	48.248	ng		99
49) Dimethylphthalate	14.13	163	1975243	50.712	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	404234	54.679	ng	#	76
51) Acenaphthene	14.73	154	1257980	48.337	ng		95
52) 3-Nitroaniline	14.61	138	345633m	47.451	ng		
53) 2,4-Dinitrophenol	14.83	184	205289	63.666	ng	#	75
54) Dibenzofuran	15.07	168	2474122	53.953	ng		93
55) 4-Nitrophenol	14.92	139	223232	46.920	ng	#	85
56) 2,4-Dinitrotoluene	15.06	165	632294	51.166	ng	#	93
57) Fluorene	15.72	166	1854104	52.922	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	649810	69.951	ng	#	100
59) Diethylphthalate	15.48	149	2043753	46.241	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	1543090	69.620	ng		92
61) 4-Nitroaniline	15.77	138	340757	48.386	ng	#	1
62) Azobenzene	15.99	77	2180495	42.780	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	464477	56.122	ng	#	62
65) n-Nitrosodiphenylamine	15.92	169	1744784	43.445	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	938361	58.784	ng		95
67) Hexachlorobenzene	16.71	284	1105486	70.571	ng		93
68) Atrazine	16.87	200	770112	52.309	ng		90
69) Pentachlorophenol	17.06	266	592225	66.027	ng		98
70) Phenanthrene	17.44	178	3209212	47.726	ng		100
71) Anthracene	17.54	178	3206068	48.029	ng		99
72) Carbazole	17.82	167	2859735	44.263	ng		98
73) Di-n-butylphthalate	18.34	149	3575152	38.558	ng	#	97
74) Fluoranthene	19.44	202	4725922	58.180	ng		95
76) Benzidine	19.64	184	1718480	43.809	ng		98
77) Pyrene	19.81	202	5031676	42.782	ng		99
79) Butylbenzylphthalate	20.67	149	1774854	32.198	ng	#	82
80) Benzo(a)anthracene	21.53	228	5371920	46.586	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	2410517	58.719	ng	#	95
82) Chrysene	21.59	228	5099495	47.057	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	2647408	33.668	ng	#	94
84) Di-n-octyl phthalate	22.31	149	4365415	37.013	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.17	276	7284353	82.178	ng	#	94
87) Benzo(b)fluoranthene	23.15	252	5708537	45.101	ng	#	91
88) Benzo(k)fluoranthene	23.19	252	5828639	46.079	ng	#	94
89) Benzo(a)pyrene	23.74	252	5543259	48.382	ng	#	95
90) Dibenzo(a,h)anthracene	26.17	278	6263164	60.960	ng	#	88
91) Benzo(g,h,i)perylene	26.88	276	5490306	59.456	ng	#	82

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

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