Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016440.D
Acq On : 17 Aug 2018 15:38
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:07 PM

Quant Time: Aug 17 16:11:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 14:37:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21262	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	94738	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	60237	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	136991	20.00	ng		0.00
75) Chrysene-d12	21.59	240	190257	20.00	ng		0.00
86) Perylene-d12	23.90	264	135983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	194810	152.20	ng		0.00
7) Phenol-d6	7.24	99	288244	172.44	ng		0.00
23) Nitrobenzene-d5	9.26	82	386327	189.67	ng		0.01
41) 2,4,6-Tribromophenol	16.20	330	169924	222.41	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1145777	231.44	ng		0.00
78) Terphenyl-d14	20.04	244	2339084	257.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	46647	77.782	ng	#	100
3) Pyridine	3.83	79	100413	69.504	ng	#	60
4) n-Nitrosodimethylamine	3.75	42	111858	99.267	ng	#	23
6) Aniline	7.40	93	145017	75.347	ng	#	85
8) 2-Chlorophenol	7.62	128	130830	86.002	ng		98
9) Benzaldehyde	7.21	77	71949	61.263	ng		85
10) Phenol	7.26	94	138305	82.745	ng		84
11) bis(2-Chloroethyl)ether	7.49	93	101026	76.509	ng		89
12) 1,3-Dichlorobenzene	7.94	146	148475	83.382	ng	#	85
13) 1,4-Dichlorobenzene	8.09	146	149789	82.943	ng	#	93
14) 1,2-Dichlorobenzene	8.41	146	156227	88.410	ng	#	93
15) Benzyl Alcohol	8.32	79	130270	97.874	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129154	63.909	ng		93
17) 2-Methylphenol	8.52	107	100144	87.657	ng	#	76
18) Hexachloroethane	9.13	117	77291	99.010	ng		89
19) n-Nitroso-di-n-propylamine	8.89	70	116349	95.230	ng	#	62
20) 3+4-Methylphenols	8.86	107	141179	85.890	ng	#	81
22) Acetophenone	8.90	105	224159	93.967	ng	#	76
24) Nitrobenzene	9.29	77	179345	87.474	ng	#	93
25) Isophorone	9.81	82	254756	91.437	ng	#	93
26) 2-Nitrophenol	10.00	139	79250	92.595	ng	#	29
27) 2,4-Dimethylphenol	10.05	122	105980	88.879	ng	#	77
28) bis(2-Chloroethoxy)methane	10.29	93	154550	85.346	ng	#	96
29) 2,4-Dichlorophenol	10.53	162	143490	101.269	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	173261	100.640	ng		98
31) Naphthalene	10.92	128	414167	86.379	ng		99
32) Benzoic acid	10.30	122	88563	97.432	ng	#	84
33) 4-Chloroaniline	11.05	127	178921	91.443	ng	#	84
34) Hexachlorobutadiene	11.17	225	148613	124.448	ng		97
35) Caprolactam	11.91	113	37982m	96.783	ng		
36) 4-Chloro-3-methylphenol	12.18	107	162451	104.238	ng		87
37) 2-Methylnaphthalene	12.53	142	323635	100.761	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	227662	111.013	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	85310	101.907	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	138604	108.025	ng		97
43) 2,4,5-Trichlorophenol	13.23	196	135775	102.590	ng	#	86
45) 1,1'-Biphenyl	13.53	154	505920	93.064	ng		98
46) 2-Chloronaphthalene	13.59	162	394619	93.331	ng	#	89
47) 2-Nitroaniline	13.82	65	131249	93.892	ng	#	76
48) Acenaphthylene	14.43	152	611309	98.761	ng		99
49) Dimethylphthalate	14.17	163	518511	98.358	ng		99
50) 2,6-Dinitrotoluene	14.31	165	102499	96.635	ng	#	38
51) Acenaphthene	14.77	154	343379	90.201	ng		96
52) 3-Nitroaniline	14.65	138	95688	83.522	ng	#	69
53) 2,4-Dinitrophenol	14.87	184	48505	122.668	ng	#	54
54) Dibenzofuran	15.10	168	633499	100.984	ng	#	78
55) 4-Nitrophenol	14.96	139	64026	77.959	ng	#	82
56) 2,4-Dinitrotoluene	15.10	165	175016	115.398	ng	#	70
57) Fluorene	15.75	166	481228	103.231	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	119497	105.045	ng	#	100
59) Diethylphthalate	15.52	149	561614	98.840	ng		95
60) 4-Chlorophenyl-phenylether	15.74	204	301159	116.050	ng	#	87
61) 4-Nitroaniline	15.82	138	92114	83.801	ng	#	1
62) Azobenzene	16.03	77	617381	103.170	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.87	198	87361	105.065	ng		84
65) n-Nitrosodiphenylamine	15.96	169	416261	92.279	ng		97
66) 4-Bromophenyl-phenylether	16.63	248	165368	106.606	ng	#	71
67) Hexachlorobenzene	16.75	284	166426	97.425	ng	#	63
68) Atrazine	16.91	200	128681	79.593	ng		96
69) Pentachlorophenol	17.10	266	92313	87.269	ng		98
70) Phenanthrene	17.49	178	701272	91.436	ng		98
71) Anthracene	17.58	178	714727	95.885	ng		99
72) Carbazole	17.86	167	708934	91.805	ng	#	97
73) Di-n-butylphthalate	18.38	149	1036671	107.734	ng	#	95
74) Fluoranthene	19.49	202	911327	106.523	ng		96
76) Benzidine	19.67	184	297133	55.888	ng		99
77) Pyrene	19.84	202	967831	84.886	ng		99
79) Butylbenzylphthalate	20.71	149	513401	88.639	ng	#	74
80) Benzo(a)anthracene	21.57	228	1078347	92.024	ng		99
81) 3,3'-Dichlorobenzidine	21.50	252	373696	79.174	ng		98
82) Chrysene	21.63	228	994508	88.474	ng		100
83) Bis(2-ethylhexyl)phthalate	21.46	149	805857	96.002	ng		93
84) Di-n-octyl phthalate	22.36	149	1241020	87.966	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.26	276	725463	54.387	ng		99
87) Benzo(b)fluoranthene	23.20	252	814724	101.760	ng	#	93
88) Benzo(k)fluoranthene	23.25	252	815621	100.520	ng	#	96
89) Benzo(a)pyrene	23.80	252	724345	94.110	ng	#	96
90) Dibenzo(a,h)anthracene	26.26	278	628152	78.770	ng	#	93
91) Benzo(g,h,i)perylene	26.98	276	501659	66.513	ng	#	87

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

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