Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016436.D
Acq On : 17 Aug 2018 13:11
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:04 PM

Quant Time: Aug 17 15:01:42 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	17951	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	81172	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	52813	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	131915	20.00	ng		0.00
75) Chrysene-d12	21.59	240	143590	20.00	ng		0.00
86) Perylene-d12	23.91	264	111960	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	50431	46.67	ng		0.00
7) Phenol-d6	7.23	99	65367	46.32	ng		0.00
23) Nitrobenzene-d5	9.25	82	92449	52.97	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	34879	52.07	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	223856	51.57	ng		0.00
78) Terphenyl-d14	20.03	244	385991	56.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	13130	25.932	ng	#	100
3) Pyridine	3.84	79	26175	21.460	ng	#	63
4) n-Nitrosodimethylamine	3.76	42	30182m	31.725	ng		
6) Aniline	7.39	93	37536	23.100	ng	#	85
8) 2-Chlorophenol	7.62	128	30813	23.991	ng		93
9) Benzaldehyde	7.21	77	25761	25.981	ng		82
10) Phenol	7.26	94	31810	22.541	ng		77
11) bis(2-Chloroethyl)ether	7.49	93	25577	22.943	ng		91
12) 1,3-Dichlorobenzene	7.95	146	35964	23.922	ng	#	85
13) 1,4-Dichlorobenzene	8.09	146	36022	23.626	ng	#	94
14) 1,2-Dichlorobenzene	8.41	146	36054	24.167	ng	#	91
15) Benzyl Alcohol	8.32	79	29026	25.830	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.58	45	31897	18.695	ng		86
17) 2-Methylphenol	8.52	107	23708	24.580	ng	#	71
18) Hexachloroethane	9.12	117	19550	29.663	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	26601	25.788	ng	#	57
20) 3+4-Methylphenols	8.85	107	32132	23.154	ng	#	79
22) Acetophenone	8.90	105	50016	24.471	ng	#	71
24) Nitrobenzene	9.29	77	45126	25.688	ng	#	96
25) Isophorone	9.80	82	62957	26.373	ng	#	91
26) 2-Nitrophenol	10.00	139	17958	24.489	ng	#	27
27) 2,4-Dimethylphenol	10.05	122	26013	25.462	ng	#	79
28) bis(2-Chloroethoxy)methane	10.28	93	36342	23.423	ng		98
29) 2,4-Dichlorophenol	10.53	162	32356	26.652	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	40019	27.130	ng	#	96
31) Naphthalene	10.92	128	95489	23.244	ng		98
32) Benzoic acid	10.23	122	19981m	25.656	ng		
33) 4-Chloroaniline	11.05	127	40930	24.415	ng	#	81
34) Hexachlorobutadiene	11.17	225	34318	33.541	ng		95
35) Caprolactam	11.86	113	9012	26.802	ng	#	86
36) 4-Chloro-3-methylphenol	12.17	107	40694	30.476	ng	#	83
37) 2-Methylnaphthalene	12.52	142	74532	27.083	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	50246	27.945	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	12444	16.955	ng		80

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	30786	27.367	ng		96
43) 2,4,5-Trichlorophenol	13.23	196	31397	27.058	ng	#	80
45) 1,1'-Biphenyl	13.53	154	112274	23.556	ng		99
46) 2-Chloronaphthalene	13.58	162	88510	23.876	ng	#	88
47) 2-Nitroaniline	13.81	65	30521	24.903	ng	#	73
48) Acenaphthylene	14.43	152	131343	24.202	ng		98
49) Dimethylphthalate	14.16	163	123510	26.723	ng		98
50) 2,6-Dinitrotoluene	14.30	165	24265	26.093	ng	#	32
51) Acenaphthene	14.76	154	80594	24.147	ng		94
52) 3-Nitroaniline	14.64	138	23222	23.119	ng	#	77
53) 2,4-Dinitrophenol	14.87	184	9698	27.974	ng	#	56
54) Dibenzofuran	15.10	168	140475	25.541	ng	#	76
55) 4-Nitrophenol	14.96	139	15019	20.858	ng	#	84
56) 2,4-Dinitrotoluene	15.10	165	36617	27.537	ng	#	49
57) Fluorene	15.74	166	107326	26.260	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	29211	29.288	ng	#	100
59) Diethylphthalate	15.52	149	142058	28.516	ng	#	94
60) 4-Chlorophenyl-phenylether	15.73	204	68704	30.196	ng	#	84
61) 4-Nitroaniline	15.80	138	22629	23.481	ng	#	1
62) Azobenzene	16.03	77	167662	31.956	ng	#	66
64) 4,6-Dinitro-2-methylphenol	15.86	198	20254	25.296	ng	#	80
65) n-Nitrosodiphenylamine	15.96	169	101170	23.291	ng		95
66) 4-Bromophenyl-phenylether	16.63	248	40570	27.160	ng	#	71
67) Hexachlorobenzene	16.74	284	40144	24.404	ng	#	53
68) Atrazine	16.90	200	41060	26.374	ng		97
69) Pentachlorophenol	17.10	266	22066	21.663	ng		94
70) Phenanthrene	17.49	178	172325	23.333	ng		99
71) Anthracene	17.57	178	169830	23.660	ng		98
72) Carbazole	17.86	167	167348	22.505	ng		96
73) Di-n-butylphthalate	18.38	149	238813	25.773	ng	#	94
74) Fluoranthene	19.49	202	204860	24.867	ng		96
76) Benzidine	19.67	184	71484	17.815	ng		98
77) Pyrene	19.84	202	220138	25.583	ng		98
79) Butylbenzylphthalate	20.72	149	106710	24.411	ng	#	73
80) Benzo(a)anthracene	21.57	228	218984	24.761	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	82168	23.067	ng		99
82) Chrysene	21.63	228	206568	24.349	ng		99
83) Bis(2-ethylhexyl)phthalate	21.47	149	147296	23.250	ng	#	90
84) Di-n-octyl phthalate	22.36	149	220502	20.709	ng	#	85
85) Indeno(1,2,3-cd)pyrene	26.26	276	161769	16.069	ng		99
87) Benzo(b)fluoranthene	23.21	252	174556	26.480	ng	#	91
88) Benzo(k)fluoranthene	23.26	252	169862	25.426	ng	#	96
89) Benzo(a)pyrene	23.81	252	159694	25.200	ng	#	95
90) Dibenzo(a,h)anthracene	26.26	278	138303	21.065	ng	#	91
91) Benzo(g,h,i)perylene	26.98	276	135465	21.815	ng	#	86

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

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