Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016435.D
Acq On : 17 Aug 2018 12:35
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:03 PM

Quant Time: Aug 17 14:59:16 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	17306	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	69563	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	46143	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	113618	20.00	ng		0.00
75) Chrysene-d12	21.59	240	129409	20.00	ng		0.00
86) Perylene-d12	23.90	264	108207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	19133m	18.36	ng		0.00
7) Phenol-d6	7.23	99	25296	18.59	ng		0.00
23) Nitrobenzene-d5	9.25	82	35395	23.67	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	12030	20.56	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	78251	20.63	ng		0.00
78) Terphenyl-d14	20.03	244	137192	22.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	5351	10.962	ng	#	100
3) Pyridine	3.86	79	9148m	7.779	ng		
4) n-Nitrosodimethylamine	3.77	42	11758	12.820	ng	#	18
6) Aniline	7.39	93	14600	9.320	ng	#	84
8) 2-Chlorophenol	7.62	128	12236	9.882	ng		93
9) Benzaldehyde	7.22	77	11001	11.508	ng		84
10) Phenol	7.26	94	12491	9.181	ng		82
11) bis(2-Chloroethyl)ether	7.49	93	9939	9.248	ng		92
12) 1,3-Dichlorobenzene	7.95	146	15253	10.524	ng	#	80
13) 1,4-Dichlorobenzene	8.10	146	15769	10.728	ng	#	94
14) 1,2-Dichlorobenzene	8.41	146	15184	10.557	ng	#	89
15) Benzyl Alcohol	8.33	79	12720m	11.741	ng		
16) 2,2'-oxybis(1-Chloropropan	8.59	45	12719	7.732	ng		83
17) 2-Methylphenol	8.52	107	9411	10.121	ng	#	68
18) Hexachloroethane	9.12	117	7696	12.112	ng		85
19) n-Nitroso-di-n-propylamine	8.87	70	10154	10.211	ng	#	56
20) 3+4-Methylphenols	8.86	107	11988	8.960	ng	#	76
22) Acetophenone	8.90	105	20008	11.423	ng	#	78
24) Nitrobenzene	9.29	77	17521	11.638	ng	#	88
25) Isophorone	9.81	82	23021	11.253	ng	#	94
26) 2-Nitrophenol	10.00	139	5892	9.376	ng	#	22
27) 2,4-Dimethylphenol	10.06	122	9845	11.244	ng		92
28) bis(2-Chloroethoxy)methane	10.29	93	13130	9.875	ng		96
29) 2,4-Dichlorophenol	10.54	162	11963	11.498	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	14878	11.770	ng		91
31) Naphthalene	10.92	128	35932	10.206	ng		98
32) Benzoic acid	10.20	122	6202m	9.292	ng		
33) 4-Chloroaniline	11.06	127	14271	9.933	ng	#	79
34) Hexachlorobutadiene	11.17	225	13130	14.974	ng		95
35) Caprolactam	11.85	113	2702	9.377	ng	#	86
36) 4-Chloro-3-methylphenol	12.18	107	13442	11.747	ng	#	81
37) 2-Methylnaphthalene	12.53	142	26526	11.247	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	18286	11.640	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	2237	3.488	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	10950	11.141	ng	#	91
43) 2,4,5-Trichlorophenol	13.23	196	9960	9.824	ng	#	66
45) 1,1'-Biphenyl	13.53	154	41404	9.943	ng		98
46) 2-Chloronaphthalene	13.58	162	31662	9.776	ng	#	84
47) 2-Nitroaniline	13.82	65	10367	9.681	ng	#	76
48) Acenaphthylene	14.43	152	47575	10.034	ng		94
49) Dimethylphthalate	14.16	163	45940	11.376	ng		99
50) 2,6-Dinitrotoluene	14.30	165	8766	10.789	ng	#	29
51) Acenaphthene	14.76	154	29756	10.204	ng		91
52) 3-Nitroaniline	14.65	138	7718	8.794	ng	#	76
53) 2,4-Dinitrophenol	14.89	184	2112	6.973	ng	#	58
54) Dibenzofuran	15.10	168	50096	10.425	ng	#	64
55) 4-Nitrophenol	14.99	139	4802m	7.633	ng		
56) 2,4-Dinitrotoluene	15.10	165	12412	10.684	ng	#	33
57) Fluorene	15.75	166	39088	10.946	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	11202	12.855	ng	#	100
59) Diethylphthalate	15.51	149	53221	12.227	ng		95
60) 4-Chlorophenyl-phenylether	15.73	204	24488	12.319	ng	#	75
61) 4-Nitroaniline	15.81	138	7469	8.870	ng	#	1
62) Azobenzene	16.03	77	63483	13.849	ng	#	66
64) 4,6-Dinitro-2-methylphenol	15.87	198	6452	9.356	ng		88
65) n-Nitrosodiphenylamine	15.96	169	36846	9.849	ng		95
66) 4-Bromophenyl-phenylether	16.63	248	14580	11.333	ng	#	66
67) Hexachlorobenzene	16.74	284	14256	10.062	ng	#	45
68) Atrazine	16.90	200	15768	11.759	ng		96
69) Pentachlorophenol	17.10	266	7695	8.771	ng		95
70) Phenanthrene	17.49	178	64313	10.110	ng		99
71) Anthracene	17.58	178	64060	10.362	ng		98
72) Carbazole	17.86	167	61434	9.592	ng	#	93
73) Di-n-butylphthalate	18.37	149	86745	10.869	ng	#	93
74) Fluoranthene	19.49	202	79324	11.179	ng		94
76) Benzidine	19.67	184	29879m	8.262	ng		
77) Pyrene	19.84	202	82418	10.628	ng		99
79) Butylbenzylphthalate	20.71	149	38319	9.727	ng	#	67
80) Benzo(a)anthracene	21.57	228	85623	10.743	ng		100
81) 3,3'-Dichlorobenzidine	21.50	252	31118	9.693	ng		95
82) Chrysene	21.62	228	80216	10.492	ng		98
83) Bis(2-ethylhexyl)phthalate	21.46	149	53609	9.389	ng	#	88
84) Di-n-octyl phthalate	22.36	149	83358	8.687	ng	#	83
85) Indeno(1,2,3-cd)pyrene	26.25	276	66226	7.299	ng		98
87) Benzo(b)fluoranthene	23.20	252	70262	11.028	ng	#	93
88) Benzo(k)fluoranthene	23.24	252	72495	11.228	ng	#	94
89) Benzo(a)pyrene	23.80	252	65467	10.689	ng	#	97
90) Dibenzo(a,h)anthracene	26.24	278	56708	8.937	ng	#	91
91) Benzo(g,h,i)perylene	26.97	276	51648m	8.606	ng		

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

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