Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016026.D
Acq On : 23 Jul 2018 15:18
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 23 15:49:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 14:03:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
7/24/2018 3:01:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	38726	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	164041	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	88809	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	187428	20.00	ng		0.00
75) Chrysene-d12	21.70	240	206152	20.00	ng		0.00
86) Perylene-d12	24.07	264	203227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	391641	173.44	ng		0.00
7) Phenol-d6	7.39	99	523630	169.38	ng		0.00
23) Nitrobenzene-d5	9.42	82	593622	176.56	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	190666	164.31	ng		0.00
44) 2-Fluorobiphenyl	13.49	172	1227258	171.56	ng		0.00
78) Terphenyl-d14	20.16	244	1744159	156.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	84913	90.923	ng	#	100
3) Pyridine	3.96	79	216938	88.028	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	166051	86.534	ng	#	36
6) Aniline	7.56	93	293322	78.262	ng	#	88
8) 2-Chlorophenol	7.79	128	228218	84.209	ng		98
9) Benzaldehyde	7.37	77	157742	80.958	ng		87
10) Phenol	7.42	94	257324	82.841	ng		96
11) bis(2-Chloroethyl)ether	7.65	93	196351	77.706	ng		88
12) 1,3-Dichlorobenzene	8.12	146	257670	85.753	ng	#	88
13) 1,4-Dichlorobenzene	8.27	146	265653	85.494	ng	#	95
14) 1,2-Dichlorobenzene	8.59	146	256115	85.227	ng	#	94
15) Benzyl Alcohol	8.49	79	209825	78.181	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.76	45	296930	107.598	ng		98
17) 2-Methylphenol	8.68	107	175471	81.537	ng	#	83
18) Hexachloroethane	9.31	117	114261	92.997	ng		97
19) n-Nitroso-di-n-propylamine	9.05	70	186091	74.902	ng	#	73
20) 3+4-Methylphenols	9.02	107	241472	80.780	ng		87
22) Acetophenone	9.07	105	338990	79.327	ng	#	84
24) Nitrobenzene	9.46	77	289158	88.353	ng		98
25) Isophorone	9.99	82	409010	79.703	ng	#	94
26) 2-Nitrophenol	10.17	139	126651	89.871	ng	#	56
27) 2,4-Dimethylphenol	10.22	122	172240	80.453	ng	#	82
28) bis(2-Chloroethoxy)methane	10.46	93	257601	77.051	ng		99
29) 2,4-Dichlorophenol	10.70	162	211132	89.044	ng		97
30) 1,2,4-Trichlorobenzene	10.92	180	241623	87.735	ng	#	97
31) Naphthalene	11.10	128	661126	77.735	ng		99
32) Benzoic acid	10.40	122	147613m	77.877	ng		
33) 4-Chloroaniline	11.23	127	286331	82.575	ng	#	87
34) Hexachlorobutadiene	11.36	225	168460	91.655	ng		96
35) Caprolactam	12.05	113	56518	71.873	ng		91
36) 4-Chloro-3-methylphenol	12.33	107	226830	83.373	ng	#	83
37) 2-Methylnaphthalene	12.70	142	451262	74.588	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	248285	87.106	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	121523	115.760	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	164802	91.467	ng		99
43) 2,4,5-Trichlorophenol	13.38	196	167967	86.299	ng	#	82
45) 1,1'-Biphenyl	13.70	154	654290	85.212	ng		98
46) 2-Chloronaphthalene	13.74	162	510480	88.919	ng	#	89
47) 2-Nitroaniline	13.96	65	176831	88.326	ng	#	81
48) Acenaphthylene	14.59	152	762611	81.657	ng		99
49) Dimethylphthalate	14.32	163	631592	80.639	ng		99
50) 2,6-Dinitrotoluene	14.45	165	132375	86.682	ng	#	61
51) Acenaphthene	14.92	154	455344	78.354	ng		98
52) 3-Nitroaniline	14.79	138	143438	85.813	ng	#	80
53) 2,4-Dinitrophenol	15.00	184	54355	84.153	ng	#	67
54) Dibenzofuran	15.26	168	750540	83.814	ng	#	83
55) 4-Nitrophenol	15.09	139	107217	86.913	ng	#	82
56) 2,4-Dinitrotoluene	15.24	165	186829	84.739	ng		93
57) Fluorene	15.90	166	568664	77.008	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.48	232	142585	86.814	ng	#	100
59) Diethylphthalate	15.66	149	685148	81.630	ng		96
60) 4-Chlorophenyl-phenylether	15.89	204	315845	83.122	ng	#	86
61) 4-Nitroaniline	15.94	138	139036	80.181	ng	#	20
62) Azobenzene	16.18	77	739761	94.025	ng		78
64) 4,6-Dinitro-2-methylphenol	16.00	198	101938	89.465	ng	#	84
65) n-Nitrosodiphenylamine	16.10	169	528600	82.307	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	182805	87.354	ng	#	77
67) Hexachlorobenzene	16.89	284	196264	83.930	ng	#	68
68) Atrazine	17.04	200	186976	88.511	ng		98
69) Pentachlorophenol	17.24	266	125581	86.788	ng		96
70) Phenanthrene	17.63	178	859732	80.177	ng		98
71) Anthracene	17.72	178	857621	81.442	ng		98
72) Carbazole	17.99	167	885229	90.211	ng		97
73) Di-n-butylphthalate	18.52	149	1151980	87.098	ng	#	96
74) Fluoranthene	19.62	202	977696	79.312	ng		99
76) Benzidine	19.80	184	444352	73.568	ng		98
77) Pyrene	19.97	202	1026300	79.920	ng		98
79) Butylbenzylphthalate	20.83	149	549607	88.540	ng	#	82
80) Benzo(a)anthracene	21.69	228	1046239	80.045	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	426008	90.713	ng		99
82) Chrysene	21.74	228	996855	81.871	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	806698	87.953	ng		94
84) Di-n-octyl phthalate	22.49	149	1328206	88.811	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.51	276	1174723	103.844	ng	#	95
87) Benzo(b)fluoranthene	23.36	252	997345	73.505	ng	#	96
88) Benzo(k)fluoranthene	23.40	252	1009447	76.587	ng		98
89) Benzo(a)pyrene	23.97	252	961021	80.462	ng		100
90) Dibenzo(a,h)anthracene	26.51	278	1003532	93.385	ng	#	97
91) Benzo(g,h,i)perylene	27.26	276	915165	96.924	ng	#	94

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

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