Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015898.D
Acq On : 12 Jul 2018 04:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 09:24:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/12/2018 6:46:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	69662	20.00	ng		-0.02
21) Naphthalene-d8	11.12	136	307804	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	162952	20.00	ng		-0.02
63) Phenanthrene-d10	17.64	188	345178	20.00	ng		-0.02
75) Chrysene-d12	21.75	240	364375	20.00	ng		-0.02
86) Perylene-d12	24.14	264	354665	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	313002	77.06	ng		-0.02
7) Phenol-d6	7.44	99	416511	74.90	ng		-0.02
23) Nitrobenzene-d5	9.48	82	487917	77.34	ng		-0.02
41) 2,4,6-Tribromophenol	16.39	330	156101	73.31	ng		-0.02
44) 2-Fluorobiphenyl	13.54	172	1013030	77.18	ng		-0.02
78) Terphenyl-d14	20.20	244	1444894	73.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	67634	40.260	ng	#	100
3) Pyridine	4.00	79	159502	35.980	ng	#	75
4) n-Nitrosodimethylamine	3.91	42	139761	40.489	ng	#	41
6) Aniline	7.61	93	251995	37.377	ng		93
8) 2-Chlorophenol	7.85	128	185487	38.048	ng		96
9) Benzaldehyde	7.43	77	128932	36.786	ng		89
10) Phenol	7.47	94	208253	37.270	ng		96
11) bis(2-Chloroethyl)ether	7.70	93	166795	36.695	ng		87
12) 1,3-Dichlorobenzene	8.17	146	204967	37.921	ng	#	88
13) 1,4-Dichlorobenzene	8.33	146	213198	38.143	ng		94
14) 1,2-Dichlorobenzene	8.65	146	204655	37.859	ng		94
15) Benzyl Alcohol	8.54	79	175310	36.313	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	221901m	44.701	ng		
17) 2-Methylphenol	8.74	107	144484	37.323	ng	#	86
18) Hexachloroethane	9.37	117	88709	40.137	ng		97
19) n-Nitroso-di-n-propylamine	9.10	70	162349	36.326	ng	#	74
20) 3+4-Methylphenols	9.07	107	198945	36.998	ng		87
22) Acetophenone	9.13	105	300508	37.477	ng	#	86
24) Nitrobenzene	9.52	77	237917	38.743	ng		97
25) Isophorone	10.04	82	351060	36.459	ng	#	94
26) 2-Nitrophenol	10.23	139	95558	36.137	ng	#	57
27) 2,4-Dimethylphenol	10.28	122	145559	36.235	ng	#	85
28) bis(2-Chloroethoxy)methane	10.52	93	229118	36.523	ng		98
29) 2,4-Dichlorophenol	10.77	162	166789	37.488	ng		98
30) 1,2,4-Trichlorobenzene	10.97	180	193642	37.472	ng	#	96
31) Naphthalene	11.17	128	592528	37.129	ng		99
32) Benzoic acid	10.44	122	118297m	33.261	ng		
33) 4-Chloroaniline	11.29	127	241821	37.167	ng	#	89
34) Hexachlorobutadiene	11.43	225	130655	37.885	ng		98
35) Caprolactam	12.09	113	49072	33.258	ng	#	82
36) 4-Chloro-3-methylphenol	12.39	107	185376	36.313	ng		88
37) 2-Methylnaphthalene	12.76	142	418097	36.830	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	203366	38.884	ng	#	100
40) Hexachlorocyclopentadiene	13.08	237	68307	34.129	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	131519	39.782	ng		96
43) 2,4,5-Trichlorophenol	13.44	196	133183	37.293	ng	#	84
45) 1,1'-Biphenyl	13.75	154	551322	39.132	ng		99
46) 2-Chloronaphthalene	13.80	162	414147	39.316	ng	#	90
47) 2-Nitroaniline	14.02	65	142336	38.747	ng	#	80
48) Acenaphthylene	14.64	152	664701	38.790	ng		99
49) Dimethylphthalate	14.36	163	527801	36.726	ng		99
50) 2,6-Dinitrotoluene	14.50	165	106222	37.908	ng	#	62
51) Acenaphthene	14.97	154	404580	37.942	ng		97
52) 3-Nitroaniline	14.83	138	109631	35.745	ng	#	70
53) 2,4-Dinitrophenol	15.05	184	33648	28.895	ng	#	77
54) Dibenzofuran	15.31	168	627782	38.208	ng	#	86
55) 4-Nitrophenol	15.13	139	73260	32.366	ng	#	80
56) 2,4-Dinitrotoluene	15.29	165	147726	36.517	ng		99
57) Fluorene	15.95	166	507207	37.434	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	111594	37.030	ng	#	100
59) Diethylphthalate	15.70	149	574606	37.311	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	258146	37.026	ng	#	87
61) 4-Nitroaniline	15.99	138	104269	32.771	ng	#	24
62) Azobenzene	16.23	77	581024	40.248	ng		79
64) 4,6-Dinitro-2-methylphenol	16.04	198	72768	34.678	ng		87
65) n-Nitrosodiphenylamine	16.15	169	456303	38.579	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	145439	37.737	ng	#	78
67) Hexachlorobenzene	16.94	284	164801	38.267	ng	#	76
68) Atrazine	17.09	200	147529	37.921	ng		100
69) Pentachlorophenol	17.29	266	93143	34.952	ng		99
70) Phenanthrene	17.68	178	744631	37.707	ng		99
71) Anthracene	17.77	178	740846	38.201	ng		98
72) Carbazole	18.04	167	688179	38.080	ng		97
73) Di-n-butylphthalate	18.56	149	923403	37.909	ng	#	97
74) Fluoranthene	19.66	202	832316	36.662	ng		99
76) Benzidine	19.84	184	287375	26.918	ng		99
77) Pyrene	20.02	202	882145	38.865	ng		99
79) Butylbenzylphthalate	20.87	149	431971	39.371	ng	#	83
80) Benzo(a)anthracene	21.73	228	866486	37.506	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	312112	37.601	ng		100
82) Chrysene	21.79	228	801353	37.236	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	619264	38.199	ng		94
84) Di-n-octyl phthalate	22.53	149	1037315	39.242	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.61	276	958082	47.917	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	873117	36.873	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	824588	35.848	ng		98
89) Benzo(a)pyrene	24.04	252	786441	37.730	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	829934	44.254	ng		97
91) Benzo(g,h,i)perylene	27.36	276	760998	46.183	ng	#	93

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

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