Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016347.D
Acq On : 14 Aug 2018 10:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 14 11:03:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23072	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	91156	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	48617	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	107342	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	130121	20.00	ng		-0.02
86) Perylene-d12	23.94	264	129798	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	119917	86.34	ng		-0.02
7) Phenol-d6	7.29	99	140016	77.19	ng		-0.02
23) Nitrobenzene-d5	9.30	82	172661	88.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	46449	75.33	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	339675	85.01	ng		-0.02
78) Terphenyl-d14	20.07	244	524743	84.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	29302	45.027	ng	#	100
3) Pyridine	3.89	79	63484	40.495	ng	#	74
4) n-Nitrosodimethylamine	3.80	42	59003	48.254	ng	#	30
6) Aniline	7.45	93	76896	36.819	ng	#	87
8) 2-Chlorophenol	7.68	128	65642	39.765	ng		98
9) Benzaldehyde	7.26	77	48757	38.258	ng		87
10) Phenol	7.32	94	69609	38.378	ng		94
11) bis(2-Chloroethyl)ether	7.54	93	52695	36.776	ng		85
12) 1,3-Dichlorobenzene	8.00	146	75370	39.006	ng	#	86
13) 1,4-Dichlorobenzene	8.15	146	76038	38.801	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	75943	39.605	ng	#	91
15) Benzyl Alcohol	8.37	79	58870	40.760	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.63	45	71677	32.685	ng		93
17) 2-Methylphenol	8.57	107	47415	38.247	ng	#	82
18) Hexachloroethane	9.19	117	37271	43.999	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	49298	37.184	ng	#	70
20) 3+4-Methylphenols	8.91	107	65913	36.954	ng		83
22) Acetophenone	8.96	105	92283	40.205	ng	#	80
24) Nitrobenzene	9.35	77	82986	42.066	ng		91
25) Isophorone	9.86	82	106205	39.617	ng	#	92
26) 2-Nitrophenol	10.06	139	34457	41.841	ng	#	40
27) 2,4-Dimethylphenol	10.10	122	46146	40.221	ng	#	80
28) bis(2-Chloroethoxy)methane	10.34	93	65413	37.542	ng		99
29) 2,4-Dichlorophenol	10.59	162	57115	41.893	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	67793	40.925	ng		97
31) Naphthalene	10.98	128	177457	38.465	ng		100
32) Benzoic acid	10.28	122	36345	41.556	ng	#	77
33) 4-Chloroaniline	11.11	127	75639	40.177	ng	#	87
34) Hexachlorobutadiene	11.23	225	53600	46.648	ng		97
35) Caprolactam	11.92	113	15077	39.928	ng	#	88
36) 4-Chloro-3-methylphenol	12.23	107	61538	41.038	ng	#	86
37) 2-Methylnaphthalene	12.58	142	121600	39.347	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	71159	42.992	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	23361	33.669	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	44622	43.090	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	46555	43.584	ng	#	82
45) 1,1'-Biphenyl	13.59	154	171076	38.991	ng		99
46) 2-Chloronaphthalene	13.64	162	136533	40.009	ng	#	88
47) 2-Nitroaniline	13.86	65	47011	41.668	ng	#	76
48) Acenaphthylene	14.48	152	198942	39.822	ng		99
49) Dimethylphthalate	14.21	163	173273	40.725	ng		99
50) 2,6-Dinitrotoluene	14.35	165	35053	40.946	ng	#	42
51) Acenaphthene	14.82	154	118434	38.547	ng		94
52) 3-Nitroaniline	14.69	138	35533	38.428	ng	#	77
53) 2,4-Dinitrophenol	14.92	184	15464	44.969	ng	#	73
54) Dibenzofuran	15.15	168	199004	39.305	ng	#	76
55) 4-Nitrophenol	15.02	139	22991	34.685	ng		92
56) 2,4-Dinitrotoluene	15.14	165	51375	41.971	ng	#	59
57) Fluorene	15.80	166	148659	39.512	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	39716	43.257	ng	#	100
59) Diethylphthalate	15.56	149	189552	41.333	ng		95
60) 4-Chlorophenyl-phenylether	15.78	204	86252	41.181	ng	#	77
61) 4-Nitroaniline	15.85	138	35516	40.033	ng	#	1
62) Azobenzene	16.07	77	215459	44.611	ng	#	71
64) 4,6-Dinitro-2-methylphenol	15.91	198	26693	40.969	ng	#	83
65) n-Nitrosodiphenylamine	16.00	169	139214	39.386	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	50576	41.610	ng	#	72
67) Hexachlorobenzene	16.79	284	52378	39.131	ng	#	52
68) Atrazine	16.94	200	53193	41.989	ng		96
69) Pentachlorophenol	17.14	266	31975	38.577	ng		96
70) Phenanthrene	17.53	178	234262	38.981	ng		100
71) Anthracene	17.62	178	230631	39.486	ng		98
72) Carbazole	17.90	167	235140	38.861	ng	#	97
73) Di-n-butylphthalate	18.42	149	328837	43.613	ng	#	95
74) Fluoranthene	19.53	202	279905	41.754	ng		98
76) Benzidine	19.72	184	87238	23.992	ng		97
77) Pyrene	19.89	202	298967	38.340	ng		100
79) Butylbenzylphthalate	20.74	149	166013	41.909	ng	#	77
80) Benzo(a)anthracene	21.60	228	317267	39.588	ng		100
81) 3,3'-Dichlorobenzidine	21.53	252	122765	38.031	ng		97
82) Chrysene	21.66	228	298919	38.882	ng		98
83) Bis(2-ethylhexyl)phthalate	21.49	149	241340	42.038	ng		92
84) Di-n-octyl phthalate	22.39	149	412144	42.715	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.33	276	361234	39.597	ng		98
87) Benzo(b)fluoranthene	23.24	252	308882	40.418	ng	#	95
88) Benzo(k)fluoranthene	23.29	252	300279	38.771	ng	#	96
89) Benzo(a)pyrene	23.85	252	294030	40.022	ng		98
90) Dibenzo(a,h)anthracene	26.33	278	305374	40.119	ng	#	92
91) Benzo(g,h,i)perylene	27.06	276	283213	39.339	ng	#	91

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

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