Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072518\
Data File : BM016071.D
Acq On : 25 Jul 2018 13:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 01:01:45 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 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	60164	20.00	ng		-0.02
21) Naphthalene-d8	11.03	136	250303	20.00	ng		-0.03
38) Acenaphthene-d10	14.83	164	125162	20.00	ng		-0.02
63) Phenanthrene-d10	17.57	188	247218	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	237185	20.00	ng		-0.02
86) Perylene-d12	24.05	264	234046	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	297253	82.07	ng		-0.02
7) Phenol-d6	7.37	99	381570	80.67	ng		-0.02
23) Nitrobenzene-d5	9.40	82	444079	82.52	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	118469	74.63	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	873019	84.87	ng		-0.02
78) Terphenyl-d14	20.14	244	968236	85.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	62340	36.736	ng	#	100
3) Pyridine	3.94	79	160368	39.229	ng	#	73
4) n-Nitrosodimethylamine	3.85	42	127647	40.033	ng	#	36
6) Aniline	7.53	93	212758	39.066	ng	#	88
8) 2-Chlorophenol	7.77	128	170026	39.499	ng		96
9) Benzaldehyde	7.35	77	133128	40.060	ng		89
10) Phenol	7.39	94	187529	39.650	ng		98
11) bis(2-Chloroethyl)ether	7.63	93	147563	39.493	ng		89
12) 1,3-Dichlorobenzene	8.09	146	193532	38.410	ng	#	91
13) 1,4-Dichlorobenzene	8.25	146	195596	38.276	ng	#	95
14) 1,2-Dichlorobenzene	8.56	146	189304	37.859	ng	#	93
15) Benzyl Alcohol	8.46	79	154178	40.937	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.74	45	217853	38.096	ng		98
17) 2-Methylphenol	8.66	107	128803	39.843	ng	#	84
18) Hexachloroethane	9.29	117	84586	38.293	ng		96
19) n-Nitroso-di-n-propylamine	9.03	70	135389	39.162	ng	#	77
20) 3+4-Methylphenols	8.99	107	176042	37.849	ng		87
22) Acetophenone	9.05	105	247980	39.345	ng	#	87
24) Nitrobenzene	9.44	77	209762	38.723	ng	#	98
25) Isophorone	9.96	82	289532	39.332	ng	#	93
26) 2-Nitrophenol	10.15	139	91063	40.271	ng	#	57
27) 2,4-Dimethylphenol	10.20	122	122498	38.883	ng	#	83
28) bis(2-Chloroethoxy)methane	10.43	93	181386	37.912	ng		99
29) 2,4-Dichlorophenol	10.68	162	149418	39.913	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	176047	38.704	ng		97
31) Naphthalene	11.08	128	476239	37.594	ng		99
32) Benzoic acid	10.37	122	95348	39.702	ng		84
33) 4-Chloroaniline	11.20	127	200281	38.743	ng	#	88
34) Hexachlorobutadiene	11.33	225	126488	40.090	ng		98
35) Caprolactam	12.01	113	37288	35.963	ng		94
36) 4-Chloro-3-methylphenol	12.31	107	154327	37.480	ng		89
37) 2-Methylnaphthalene	12.67	142	321942	37.938	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	179765	42.187	ng	#	100
40) Hexachlorocyclopentadiene	13.00	237	83975	43.971	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	114004	42.762	ng		98
43) 2,4,5-Trichlorophenol	13.36	196	113014	41.097	ng	#	82
45) 1,1'-Biphenyl	13.67	154	450212	39.857	ng		100
46) 2-Chloronaphthalene	13.72	162	349120	39.739	ng	#	91
47) 2-Nitroaniline	13.94	65	112277	38.656	ng	#	78
48) Acenaphthylene	14.56	152	500957	38.951	ng		99
49) Dimethylphthalate	14.29	163	409339	37.370	ng		99
50) 2,6-Dinitrotoluene	14.43	165	85517	38.802	ng	#	61
51) Acenaphthene	14.90	154	298306	37.713	ng		96
52) 3-Nitroaniline	14.76	138	87515	36.764	ng	#	80
53) 2,4-Dinitrophenol	14.98	184	33825	39.128	ng	#	76
54) Dibenzofuran	15.23	168	484901	37.201	ng	#	82
55) 4-Nitrophenol	15.06	139	60652	35.542	ng	#	83
56) 2,4-Dinitrotoluene	15.22	165	112592	35.729	ng		92
57) Fluorene	15.88	166	356324	36.787	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	93536	39.572	ng	#	100
59) Diethylphthalate	15.63	149	423564	35.876	ng		95
60) 4-Chlorophenyl-phenylether	15.86	204	203737	37.784	ng	#	85
61) 4-Nitroaniline	15.92	138	78796	34.500	ng	#	17
62) Azobenzene	16.16	77	473254	38.062	ng		78
64) 4,6-Dinitro-2-methylphenol	15.98	198	61023	40.667	ng		85
65) n-Nitrosodiphenylamine	16.08	169	328687	40.377	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	113877	40.680	ng	#	76
67) Hexachlorobenzene	16.87	284	123764	40.147	ng	#	70
68) Atrazine	17.02	200	111884	38.348	ng		97
69) Pentachlorophenol	17.22	266	76088	39.859	ng		98
70) Phenanthrene	17.61	178	522911	37.781	ng		99
71) Anthracene	17.70	178	520246	38.675	ng		98
72) Carbazole	17.97	167	519575	37.284	ng		97
73) Di-n-butylphthalate	18.49	149	687555	39.594	ng	#	97
74) Fluoranthene	19.59	202	561409	36.363	ng		100
76) Benzidine	19.77	184	283521	42.776	ng		98
77) Pyrene	19.96	202	586106	41.235	ng		99
79) Butylbenzylphthalate	20.81	149	297488	41.200	ng	#	80
80) Benzo(a)anthracene	21.67	228	556821	38.116	ng		99
81) 3,3'-Dichlorobenzidine	21.60	252	230269	39.134	ng		99
82) Chrysene	21.72	228	527526	37.645	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	472835	45.184	ng		92
84) Di-n-octyl phthalate	22.47	149	677685	38.532	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.47	276	599970	36.080	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	534233	38.768	ng	#	95
88) Benzo(k)fluoranthene	23.38	252	503857	36.079	ng		98
89) Benzo(a)pyrene	23.94	252	491665	37.114	ng		100
90) Dibenzo(a,h)anthracene	26.47	278	510843	37.219	ng	#	95
91) Benzo(g,h,i)perylene	27.21	276	469832	36.193	ng	#	92

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

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