Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016490.D
Acq On : 21 Aug 2018 19:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 21 23:10:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	127002	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	533691	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	382084	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1189159	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1804142	20.00	ng		0.00
86) Perylene-d12	23.84	264	2002374	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	481186	74.24	ng		0.00
7) Phenol-d6	7.19	99	657272	76.64	ng		0.00
23) Nitrobenzene-d5	9.21	82	935361	80.02	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	813302	76.15	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2982100	75.02	ng		0.00
78) Terphenyl-d14	20.00	244	7223799	84.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	129025	36.035	ng	#	100
3) Pyridine	3.81	79	265425	35.630	ng	#	79
4) n-Nitrosodimethylamine	3.73	42	126811	38.210	ng	#	73
6) Aniline	7.35	93	374727	39.047	ng		89
8) 2-Chlorophenol	7.58	128	308155	39.958	ng		97
9) Benzaldehyde	7.17	77	248656	41.778	ng	#	76
10) Phenol	7.22	94	314842	37.121	ng		88
11) bis(2-Chloroethyl)ether	7.45	93	248234	39.030	ng		96
12) 1,3-Dichlorobenzene	7.90	146	389155	38.061	ng	#	88
13) 1,4-Dichlorobenzene	8.06	146	400514	38.169	ng		94
14) 1,2-Dichlorobenzene	8.37	146	397773	38.586	ng		96
15) Benzyl Alcohol	8.28	79	301275	37.828	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.55	45	172300	39.344	ng	#	49
17) 2-Methylphenol	8.48	107	239784	39.041	ng	#	75
18) Hexachloroethane	9.09	117	201499	41.683	ng	#	58
19) n-Nitroso-di-n-propylamine	8.84	70	267151	39.731	ng	#	88
20) 3+4-Methylphenols	8.82	107	325856	38.372	ng	#	84
22) Acetophenone	8.87	105	490218	38.145	ng	#	96
24) Nitrobenzene	9.25	77	455787	39.027	ng	#	90
25) Isophorone	9.76	82	634436	40.612	ng	#	92
26) 2-Nitrophenol	9.96	139	190797	38.215	ng	#	44
27) 2,4-Dimethylphenol	10.01	122	253101	38.900	ng	#	73
28) bis(2-Chloroethoxy)methane	10.25	93	362504	38.873	ng	#	93
29) 2,4-Dichlorophenol	10.49	162	381558	39.183	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	575406	38.941	ng		95
31) Naphthalene	10.88	128	975038	38.346	ng		99
32) Benzoic acid	10.21	122	189095	34.735	ng	#	76
33) 4-Chloroaniline	11.01	127	420532	39.298	ng	#	89
34) Hexachlorobutadiene	11.13	225	551496	39.104	ng		98
35) Caprolactam	11.83	113	91805	39.289	ng	#	54
36) 4-Chloro-3-methylphenol	12.13	107	360056	38.461	ng		93
37) 2-Methylnaphthalene	12.49	142	792541	39.815	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	796840	36.927	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	292333	38.942	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	507701	39.344	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	492680	39.086	ng	#	93
45) 1,1'-Biphenyl	13.49	154	1248370	37.261	ng		98
46) 2-Chloronaphthalene	13.54	162	1011405	37.158	ng		95
47) 2-Nitroaniline	13.77	65	275614	38.016	ng	#	82
48) Acenaphthylene	14.39	152	1475637	38.407	ng		98
49) Dimethylphthalate	14.13	163	1390312	37.875	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	280452	39.170	ng	#	68
51) Acenaphthene	14.73	154	909861	38.546	ng		97
52) 3-Nitroaniline	14.60	138	244766	37.571	ng	#	72
53) 2,4-Dinitrophenol	14.83	184	141435	39.473	ng	#	78
54) Dibenzofuran	15.06	168	1731918	38.328	ng	#	86
55) 4-Nitrophenol	14.93	139	165034	39.717	ng	#	83
56) 2,4-Dinitrotoluene	15.06	165	448629	37.576	ng	#	87
57) Fluorene	15.71	166	1310244	38.384	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	464084	38.306	ng	#	100
59) Diethylphthalate	15.48	149	1497436	39.123	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	1104358	38.579	ng		91
61) 4-Nitroaniline	15.77	138	254737	40.009	ng	#	1
62) Azobenzene	15.99	77	1655856	40.618	ng		92
64) 4,6-Dinitro-2-methylphenol	15.83	198	334553	37.026	ng	#	63
65) n-Nitrosodiphenylamine	15.92	169	1252648	37.444	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	683553	37.410	ng		95
67) Hexachlorobenzene	16.71	284	814623	38.230	ng	#	92
68) Atrazine	16.87	200	604314	39.582	ng		93
69) Pentachlorophenol	17.06	266	418946	37.159	ng		97
70) Phenanthrene	17.44	178	2334762	37.987	ng		99
71) Anthracene	17.54	178	2323428	38.069	ng		98
72) Carbazole	17.82	167	2089995	38.105	ng		98
73) Di-n-butylphthalate	18.34	149	2678053	40.050	ng	#	96
74) Fluoranthene	19.44	202	3480453	38.621	ng		95
76) Benzidine	19.64	184	1355439	39.067	ng		98
77) Pyrene	19.81	202	3763355	38.383	ng		99
79) Butylbenzylphthalate	20.67	149	1360034	40.186	ng	#	82
80) Benzo(a)anthracene	21.53	228	4063721	38.312	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1820217	38.552	ng	#	97
82) Chrysene	21.59	228	3841257	37.956	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	2018811	40.125	ng	#	93
84) Di-n-octyl phthalate	22.31	149	3367661	40.278	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	5590020	38.409	ng	#	94
87) Benzo(b)fluoranthene	23.14	252	4417367	38.270	ng	#	91
88) Benzo(k)fluoranthene	23.19	252	4433517	37.749	ng	#	93
89) Benzo(a)pyrene	23.74	252	4260110	37.931	ng	#	95
90) Dibenzo(a,h)anthracene	26.16	278	4785992	38.023	ng	#	87
91) Benzo(g,h,i)perylene	26.87	276	4286835	37.941	ng	#	81

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

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