Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002141.D
Acq On : 25 Jul 2018 18:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 01:30:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	219949	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	917309	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	487051	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	980563	20.00	ng		0.00
75) Chrysene-d12	21.27	240	890642	20.00	ng		0.00
86) Perylene-d12	23.50	264	887296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1046390	76.59	ng		0.00
7) Phenol-d6	6.88	99	1438663	75.04	ng		0.00
23) Nitrobenzene-d5	8.85	82	1430966	80.00	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	457458	72.33	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	3029999	81.03	ng		0.00
78) Terphenyl-d14	19.71	244	3264515	76.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	197961	38.597	ng	#	79
3) Pyridine	3.66	79	574210	38.650	ng	#	69
4) n-Nitrosodimethylamine	3.58	42	238190	37.375	ng	#	68
6) Aniline	7.03	93	870002	37.148	ng		99
8) 2-Chlorophenol	7.26	128	593331	37.447	ng		93
9) Benzaldehyde	6.85	77	443707	37.578	ng		91
10) Phenol	6.90	94	731328	37.213	ng		97
11) bis(2-Chloroethyl)ether	7.13	93	594051	37.138	ng		95
12) 1,3-Dichlorobenzene	7.58	146	680233	37.672	ng		99
13) 1,4-Dichlorobenzene	7.73	146	692409	37.483	ng		97
14) 1,2-Dichlorobenzene	8.04	146	665700	37.356	ng		98
15) Benzyl Alcohol	7.93	79	521611	36.055	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	933213	36.129	ng		92
17) 2-Methylphenol	8.13	107	489164	36.459	ng		95
18) Hexachloroethane	8.76	117	254936	37.709	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	489801	35.221	ng	#	97
20) 3+4-Methylphenols	8.46	107	670919	35.841	ng		96
22) Acetophenone	8.51	105	897860	37.751	ng		96
24) Nitrobenzene	8.89	77	713602	38.495	ng		95
25) Isophorone	9.40	82	1110847	36.169	ng		97
26) 2-Nitrophenol	9.59	139	340183	37.989	ng		97
27) 2,4-Dimethylphenol	9.66	122	468301	37.602	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	733996	36.997	ng		97
29) 2,4-Dichlorophenol	10.12	162	555263	38.235	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	625065	38.005	ng		99
31) Naphthalene	10.52	128	1736113	37.501	ng		98
32) Benzoic acid	9.80	122	354725	33.571	ng		91
33) 4-Chloroaniline	10.63	127	760457	36.918	ng		97
34) Hexachlorobutadiene	10.80	225	386327	38.357	ng		95
35) Caprolactam	11.40	113	165646	33.422	ng	#	73
36) 4-Chloro-3-methylphenol	11.76	107	592432	35.876	ng		95
37) 2-Methylnaphthalene	12.13	142	1177688	36.069	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	649113	39.636	ng		98
40) Hexachlorocyclopentadiene	12.48	237	388632	42.017	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	425717	38.744	ng		97
43) 2,4,5-Trichlorophenol	12.82	196	440120	37.813	ng		96
45) 1,1'-Biphenyl	13.16	154	1649171	38.479	ng		99
46) 2-Chloronaphthalene	13.19	162	1283246	38.790	ng		99
47) 2-Nitroaniline	13.40	65	396842	37.280	ng		91
48) Acenaphthylene	14.05	152	1896231	37.773	ng		97
49) Dimethylphthalate	13.79	163	1451683	35.881	ng		100
50) 2,6-Dinitrotoluene	13.90	165	329816	36.694	ng		95
51) Acenaphthene	14.39	154	1130297	37.378	ng		99
52) 3-Nitroaniline	14.23	138	354248	36.375	ng	#	90
53) 2,4-Dinitrophenol	14.45	184	164187	34.498	ng		97
54) Dibenzofuran	14.73	168	1805547	36.827	ng		96
55) 4-Nitrophenol	14.56	139	265781	35.548	ng		86
56) 2,4-Dinitrotoluene	14.70	165	436403	35.774	ng		87
57) Fluorene	15.37	166	1338492	36.221	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	362089	36.172	ng		94
59) Diethylphthalate	15.16	149	1448766	35.182	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	751075	36.731	ng		97
61) 4-Nitroaniline	15.40	138	350653	35.321	ng		93
62) Azobenzene	15.67	77	1429392	36.176	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	255850	38.647	ng		99
65) n-Nitrosodiphenylamine	15.59	169	1230182	37.808	ng		98
66) 4-Bromophenyl-phenylether	16.27	248	434859	37.883	ng	#	91
67) Hexachlorobenzene	16.38	284	478848	37.714	ng		97
68) Atrazine	16.55	200	409272	37.360	ng		97
69) Pentachlorophenol	16.73	266	309319	37.847	ng		99
70) Phenanthrene	17.12	178	2005667	37.473	ng		98
71) Anthracene	17.20	178	1999064	37.735	ng		98
72) Carbazole	17.48	167	1975114	37.157	ng		98
73) Di-n-butylphthalate	18.05	149	2297905	37.060	ng		99
74) Fluoranthene	19.13	202	2158834	37.150	ng		96
76) Benzidine	19.32	184	1207941	41.584	ng		96
77) Pyrene	19.50	202	2230414	36.314	ng		100
79) Butylbenzylphthalate	20.41	149	990169	37.035	ng		94
80) Benzo(a)anthracene	21.26	228	2041865	37.614	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	821643	38.851	ng		98
82) Chrysene	21.31	228	1941671	37.567	ng		98
83) Bis(2-ethylhexyl)phthalate	21.19	149	1414841	37.948	ng	#	95
84) Di-n-octyl phthalate	22.07	149	2360665	39.933	ng		97
85) Indeno(1,2,3-cd)pyrene	25.73	276	2164904	42.962	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	1999297	38.179	ng		97
88) Benzo(k)fluoranthene	22.88	252	1864889	36.161	ng		99
89) Benzo(a)pyrene	23.40	252	1860368	38.040	ng		97
90) Dibenzo(a,h)anthracene	25.74	278	1836128	39.989	ng	#	96
91) Benzo(g,h,i)perylene	26.41	276	1777618	40.060	ng	#	96

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

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