Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002158.D
Acq On : 26 Jul 2018 04:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:52 AM

Quant Time: Jul 26 07:31:59 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	257332	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1089336	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	582170	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1148771	20.00	ng		0.00
75) Chrysene-d12	21.27	240	994217	20.00	ng		0.00
86) Perylene-d12	23.49	264	985590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1235141	77.27	ng		0.00
7) Phenol-d6	6.88	99	1708885	76.18	ng		0.00
23) Nitrobenzene-d5	8.85	82	1711441	80.57	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	537449	71.09	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3630806	81.23	ng		0.00
78) Terphenyl-d14	19.71	244	3658614	76.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	228447	38.070	ng	#	77
3) Pyridine	3.66	79	692126	39.819	ng	#	70
4) n-Nitrosodimethylamine	3.58	42	276307	37.058	ng	#	71
6) Aniline	7.03	93	1024305	37.383	ng		99
8) 2-Chlorophenol	7.26	128	701951	37.867	ng		93
9) Benzaldehyde	6.85	77	525016	38.005	ng		93
10) Phenol	6.90	94	876130	38.105	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	707735	37.818	ng		94
12) 1,3-Dichlorobenzene	7.58	146	794156	37.592	ng		98
13) 1,4-Dichlorobenzene	7.73	146	810968	37.524	ng		97
14) 1,2-Dichlorobenzene	8.04	146	779917	37.408	ng		98
15) Benzyl Alcohol	7.93	79	630154	37.230	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1130564	37.411	ng		92
17) 2-Methylphenol	8.13	107	582972	37.139	ng		97
18) Hexachloroethane	8.76	117	297947	37.669	ng		91
19) n-Nitroso-di-n-propylamine	8.50	70	590275	36.280	ng	#	98
20) 3+4-Methylphenols	8.46	107	812299	37.090	ng		94
22) Acetophenone	8.51	105	1076534	38.115	ng		96
24) Nitrobenzene	8.89	77	846472	38.451	ng		95
25) Isophorone	9.40	82	1355485	37.165	ng		96
26) 2-Nitrophenol	9.59	139	404426	38.031	ng		97
27) 2,4-Dimethylphenol	9.65	122	562464	38.031	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	885661	37.592	ng		96
29) 2,4-Dichlorophenol	10.12	162	657429	38.121	ng		96
30) 1,2,4-Trichlorobenzene	10.33	180	748765	38.337	ng		99
31) Naphthalene	10.52	128	2078228	37.802	ng		98
32) Benzoic acid	9.82	122	420343	33.498	ng		92
33) 4-Chloroaniline	10.63	127	898547	36.733	ng		98
34) Hexachlorobutadiene	10.80	225	462158	38.640	ng		98
35) Caprolactam	11.41	113	196979	33.468	ng	#	73
36) 4-Chloro-3-methylphenol	11.76	107	708008	36.104	ng		93
37) 2-Methylnaphthalene	12.13	142	1426837	36.799	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	773049	39.491	ng		99
40) Hexachlorocyclopentadiene	12.48	237	467708	42.305	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	512761	39.041	ng		100
43) 2,4,5-Trichlorophenol	12.82	196	534747	38.436	ng		98
45) 1,1'-Biphenyl	13.15	154	1975888	38.570	ng		98
46) 2-Chloronaphthalene	13.19	162	1538188	38.899	ng		98
47) 2-Nitroaniline	13.40	65	486244	38.215	ng		93
48) Acenaphthylene	14.05	152	2273923	37.895	ng		97
49) Dimethylphthalate	13.79	163	1740222	35.985	ng		100
50) 2,6-Dinitrotoluene	13.90	165	399781	37.211	ng		92
51) Acenaphthene	14.39	154	1356045	37.517	ng		100
52) 3-Nitroaniline	14.23	138	414297	35.590	ng	#	90
53) 2,4-Dinitrophenol	14.45	184	190826	33.544	ng		99
54) Dibenzofuran	14.73	168	2166320	36.967	ng		96
55) 4-Nitrophenol	14.55	139	317493	35.526	ng		94
56) 2,4-Dinitrotoluene	14.70	165	519495	35.628	ng		88
57) Fluorene	15.37	166	1595874	36.130	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	427684	35.745	ng		94
59) Diethylphthalate	15.16	149	1728394	35.115	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	892021	36.497	ng		96
61) 4-Nitroaniline	15.40	138	419631	35.363	ng		92
62) Azobenzene	15.67	77	1717000	36.355	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	294965	38.032	ng		98
65) n-Nitrosodiphenylamine	15.59	169	1480254	38.832	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	517519	38.482	ng		93
67) Hexachlorobenzene	16.38	284	562777	37.834	ng		97
68) Atrazine	16.55	200	471052	36.703	ng		97
69) Pentachlorophenol	16.73	266	357402	37.327	ng		99
70) Phenanthrene	17.12	178	2334863	37.236	ng		99
71) Anthracene	17.20	178	2329578	37.535	ng		97
72) Carbazole	17.47	167	2289842	36.770	ng		96
73) Di-n-butylphthalate	18.05	149	2648075	36.454	ng		99
74) Fluoranthene	19.13	202	2455895	36.074	ng		97
76) Benzidine	19.32	184	1184026	36.514	ng		96
77) Pyrene	19.50	202	2556473	37.286	ng		99
79) Butylbenzylphthalate	20.41	149	1099638	36.844	ng		91
80) Benzo(a)anthracene	21.25	228	2271076	37.478	ng		99
81) 3,3'-Dichlorobenzidine	21.19	252	901548	38.188	ng		97
82) Chrysene	21.30	228	2183013	37.836	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1569660	37.715	ng		96
84) Di-n-octyl phthalate	22.07	149	2561203	38.812	ng		98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2414695	42.927	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	2124189	36.519	ng		98
88) Benzo(k)fluoranthene	22.87	252	2145482m	37.452	ng		
89) Benzo(a)pyrene	23.40	252	2058744	37.898	ng	#	97
90) Dibenzo(a,h)anthracene	25.73	278	2028198	39.767	ng	#	95
91) Benzo(g,h,i)perylene	26.40	276	1994361	40.463	ng	#	94

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

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