Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\
Data File : BN000712.D
Acq On : 09 Apr 2018 13:47
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040918

Manual Integrations APPROVED
Sohil
4/10/2018 3:38:19 PM

Quant Time: Apr 09 14:40:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 09 13:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	155329	20.00	ng		-0.01
21) Naphthalene-d8	10.40	136	672892	20.00	ng		0.00
38) Acenaphthene-d10	14.27	164	346364	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	641733	20.00	ng		0.00
75) Chrysene-d12	21.22	240	510184	20.00	ng		0.00
86) Perylene-d12	23.42	264	492023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	828814	78.79	ng		-0.01
7) Phenol-d6	6.81	99	1153801	80.57	ng		0.00
23) Nitrobenzene-d5	8.78	82	1069670	84.12	ng		-0.01
41) 2,4,6-Tribromophenol	15.76	330	276735	81.26	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	1980298	78.80	ng		0.00
78) Terphenyl-d14	19.67	244	1897137	81.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	180514	37.403	ng		96
3) Pyridine	3.62	79	527007	40.459	ng		98
4) n-Nitrosodimethylamine	3.54	42	142156	40.294	ng	#	84
6) Aniline	6.97	93	762079	39.866	ng		93
8) 2-Chlorophenol	7.20	128	431156	39.682	ng		92
9) Benzaldehyde	6.78	77	283114	38.975	ng		94
10) Phenol	6.83	94	605208	39.744	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	493807	39.472	ng		85
12) 1,3-Dichlorobenzene	7.52	146	489923	38.905	ng		99
13) 1,4-Dichlorobenzene	7.66	146	496422	38.913	ng		97
14) 1,2-Dichlorobenzene	7.98	146	475824	38.844	ng		95
15) Benzyl Alcohol	7.87	79	416451	42.694	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	531105	39.133	ng		81
17) 2-Methylphenol	8.07	107	414641	40.839	ng		95
18) Hexachloroethane	8.70	117	188497	40.089	ng	#	82
19) n-Nitroso-di-n-propylamine	8.44	70	379359	42.379	ng	#	82
20) 3+4-Methylphenols	8.40	107	574484	41.224	ng		93
22) Acetophenone	8.45	105	779292	40.222	ng	#	87
24) Nitrobenzene	8.82	77	569578	41.251	ng	#	97
25) Isophorone	9.34	82	988375	42.105	ng		99
26) 2-Nitrophenol	9.52	139	226968	41.527	ng		94
27) 2,4-Dimethylphenol	9.59	122	377299	40.526	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	619970	40.143	ng		97
29) 2,4-Dichlorophenol	10.05	162	372138	41.173	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	422541	38.807	ng		98
31) Naphthalene	10.45	128	1418123	39.004	ng		98
32) Benzoic acid	9.73	122	339017	40.715	ng		93
33) 4-Chloroaniline	10.56	127	599259	40.553	ng		97
34) Hexachlorobutadiene	10.74	225	230567	39.371	ng		98
35) Caprolactam	11.33	113	125657	42.599	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	449078	41.759	ng		97
37) 2-Methylnaphthalene	12.07	142	941225	39.559	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	419668	39.405	ng	#	96
40) Hexachlorocyclopentadiene	12.43	237	251339	42.316	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	264356	41.979	ng		99
43) 2,4,5-Trichlorophenol	12.75	196	303607	41.483	ng	#	93
45) 1,1'-Biphenyl	13.10	154	1217998	39.170	ng		96
46) 2-Chloronaphthalene	13.13	162	921806	39.447	ng		97
47) 2-Nitroaniline	13.34	65	279635	42.193	ng		87
48) Acenaphthylene	13.99	152	1481228	40.226	ng		98
49) Dimethylphthalate	13.74	163	1094644	39.701	ng		99
50) 2,6-Dinitrotoluene	13.85	165	231105	40.479	ng		93
51) Acenaphthene	14.33	154	887548	39.009	ng		99
52) 3-Nitroaniline	14.17	138	261932	40.060	ng	#	95
53) 2,4-Dinitrophenol	14.37	184	106472	38.908	ng		97
54) Dibenzofuran	14.67	168	1273075	38.922	ng		96
55) 4-Nitrophenol	14.48	139	200322	40.252	ng	#	83
56) 2,4-Dinitrotoluene	14.63	165	300869	40.587	ng		96
57) Fluorene	15.32	166	1003603	38.850	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	232119m	40.931	ng		
59) Diethylphthalate	15.12	149	1086963	40.115	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	465904	38.577	ng		90
61) 4-Nitroaniline	15.34	138	257046	40.333	ng		95
62) Azobenzene	15.62	77	1201561	40.179	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	160531	41.982	ng		89
65) n-Nitrosodiphenylamine	15.54	169	877804	40.989	ng		96
66) 4-Bromophenyl-phenylether	16.22	248	261894	40.813	ng	#	85
67) Hexachlorobenzene	16.32	284	296271	39.989	ng	#	92
68) Atrazine	16.50	200	254466	42.942	ng		95
69) Pentachlorophenol	16.66	266	195405	40.619	ng		98
70) Phenanthrene	17.06	178	1464175	39.255	ng		100
71) Anthracene	17.15	178	1447729	39.795	ng		98
72) Carbazole	17.42	167	1358163	39.405	ng		97
73) Di-n-butylphthalate	18.01	149	1614606	40.287	ng		99
74) Fluoranthene	19.08	202	1436931	38.489	ng		93
76) Benzidine	19.27	184	605883	43.444	ng	#	94
77) Pyrene	19.45	202	1497708	41.073	ng		100
79) Butylbenzylphthalate	20.38	149	621528	39.385	ng		96
80) Benzo(a)anthracene	21.21	228	1265296	39.413	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	405482	41.452	ng	#	97
82) Chrysene	21.26	228	1227936	39.215	ng		98
83) Bis(2-ethylhexyl)phthalate	21.17	149	942079	40.971	ng	#	93
84) Di-n-octyl phthalate	22.06	149	1339372	41.544	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.27	276	1083278	40.694	ng	#	91
87) Benzo(b)fluoranthene	22.77	252	1162482	38.932	ng	#	95
88) Benzo(k)fluoranthene	22.81	252	1196685	39.875	ng	#	96
89) Benzo(a)pyrene	23.32	252	1105283	40.521	ng	#	94
90) Dibenzo(a,h)anthracene	25.62	278	1110173	41.288	ng	#	91
91) Benzo(g,h,i)perylene	26.27	276	1083278	41.504	ng	#	88

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

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