Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003271.D
Acq On : 24 Oct 2018 14:36
Operator : MJ/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN102418

Manual Integrations APPROVED
Sohil
10/25/2018 3:20:12 PM

Quant Time: Oct 24 15:09:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	94602	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	440920	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	265810	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	609062	20.00	ng		0.00
76) Chrysene-d12	21.22	240	667842	20.00	ng		0.00
87) Perylene-d12	23.42	264	707002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	441142	81.22	ng		0.00
7) Phenol-d6	6.80	99	632691	81.92	ng		0.00
23) Nitrobenzene-d5	8.75	82	626852	81.53	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	298858	83.50	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1588649	81.07	ng		0.00
79) Terphenyl-d14	19.65	244	2507545	80.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	100508	38.974	ng		99
3) Pyridine	3.59	79	254069	43.113	ng		97
4) n-Nitrosodimethylamine	3.51	42	85561	39.435	ng		98
6) Aniline	6.94	93	398917	41.363	ng		99
8) 2-Chlorophenol	7.17	128	270768	40.475	ng		97
9) Benzaldehyde	6.76	77	180719	40.290	ng		98
10) Phenol	6.82	94	336647	41.305	ng		100
11) bis(2-Chloroethyl)ether	7.03	93	271265	40.749	ng		98
12) 1,3-Dichlorobenzene	7.49	146	301869	40.585	ng		98
13) 1,4-Dichlorobenzene	7.63	146	308457	40.276	ng		98
14) 1,2-Dichlorobenzene	7.94	146	300488	40.426	ng		99
15) Benzyl Alcohol	7.85	79	227213	40.825	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	396308	40.605	ng		99
17) 2-Methylphenol	8.06	107	228369	40.999	ng		97
18) Hexachloroethane	8.65	117	107364	40.016	ng		97
19) n-Nitroso-di-n-propylamine	8.40	70	231672	41.598	ng		99
20) 3+4-Methylphenols	8.38	107	326921	41.318	ng		99
22) Acetophenone	8.42	105	437885	40.971	ng	#	99
24) Nitrobenzene	8.79	77	321185	40.939	ng		100
25) Isophorone	9.31	82	548357	40.660	ng		98
26) 2-Nitrophenol	9.50	139	174144	42.172	ng		98
27) 2,4-Dimethylphenol	9.57	122	230790	39.750	ng		96
28) bis(2-Chloroethoxy)methane	9.79	93	369160	40.632	ng		99
29) 2,4-Dichlorophenol	10.04	162	274534	41.435	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	303236	40.258	ng		100
31) Naphthalene	10.42	128	858519	39.845	ng		100
32) Benzoic acid	9.78	122	191638m	39.565	ng		
33) 4-Chloroaniline	10.55	127	395668	41.559	ng		99
34) Hexachlorobutadiene	10.69	225	180230	40.097	ng		99
35) Caprolactam	11.33	113	109139	42.069	ng		99
36) 4-Chloro-3-methylphenol	11.69	107	306800	41.518	ng		95
37) 2-Methylnaphthalene	12.04	142	621199	40.343	ng		98
38) 1-Methylnaphthalene	12.26	142	601954	40.027	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	359882	40.926	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	133112	39.943	ng	99
43) 2,4,6-Trichlorophenol	12.67	196	231169	41.609	ng	100
44) 2,4,5-Trichlorophenol	12.76	196	248475	42.877	ng	98
46) 1,1'-Biphenyl	13.06	154	945497	40.528	ng	99
47) 2-Chloronaphthalene	13.11	162	695070	40.391	ng	100
48) 2-Nitroaniline	13.33	65	214737	42.470	ng	99
49) Acenaphthylene	13.96	152	1061755	40.310	ng	100
50) Dimethylphthalate	13.71	163	863544	40.179	ng	100
51) 2,6-Dinitrotoluene	13.84	165	200060	41.012	ng	98
52) Acenaphthene	14.30	154	643727	40.336	ng	98
53) 3-Nitroaniline	14.17	138	218993	41.996	ng	100
54) 2,4-Dinitrophenol	14.40	184	102177	39.928	ng	96
55) Dibenzofuran	14.65	168	1056648	40.696	ng	99
56) 4-Nitrophenol	14.52	139	140160	40.183	ng	98
57) 2,4-Dinitrotoluene	14.65	165	276723	41.838	ng	97
58) Fluorene	15.30	166	798699	39.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	211204	41.504	ng	99
60) Diethylphthalate	15.08	149	881901	40.436	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	445859	40.054	ng	99
62) 4-Nitroaniline	15.35	138	221037	43.388	ng	97
63) Azobenzene	15.59	77	820021	40.683	ng	100
65) 4,6-Dinitro-2-methylphenol	15.42	198	176165	41.453	ng	98
66) n-Nitrosodiphenylamine	15.52	169	775411	40.668	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	280868	40.946	ng	98
68) Hexachlorobenzene	16.31	284	315498	40.374	ng	98
69) Atrazine	16.47	200	278953	41.282	ng	98
70) Pentachlorophenol	16.67	266	151830	41.856	ng	98
71) Phenanthrene	17.04	178	1293187	40.387	ng	99
72) Anthracene	17.13	178	1304508	40.828	ng	99
73) Carbazole	17.42	167	1343865	40.614	ng	100
74) Di-n-butylphthalate	17.97	149	1577006	40.858	ng	100
75) Fluoranthene	19.07	202	1520134	40.297	ng	99
77) Benzidine	19.27	184	849839	43.467	ng	98
78) Pyrene	19.44	202	1588873	40.480	ng	100
80) Butylbenzylphthalate	20.35	149	745946	40.928	ng	99
81) Benzo(a)anthracene	21.20	228	1572918	40.443	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	643997	40.013	ng	99
83) Chrysene	21.25	228	1494918	39.985	ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	1085794	40.172	ng	99
85) Di-n-octyl phthalate	22.00	149	1890195	40.754	ng	100
86) Indeno(1,2,3-cd)pyrene	25.63	276	1706555	39.828	ng	99
88) Benzo(b)fluoranthene	22.77	252	1538180	39.514	ng	99
89) Benzo(k)fluoranthene	22.81	252	1548501	40.559	ng	99
90) Benzo(a)pyrene	23.33	252	1494442	40.282	ng	99
91) Dibenzo(a,h)anthracene	25.63	278	1458475	39.718	ng	100
92) Benzo(g,h,i)perylene	26.30	276	1397571	39.644	ng	99

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

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