Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\
Data File : BN005085.D
Acq On : 04 Apr 2019 09:17
Operator : JU/SJ
Sample : PB118559BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118559BSD

Manual Integrations APPROVED
Sohil
4/4/2019 5:47:52 PM

Quant Time: Apr 04 15:38:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 14:56:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	9005	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	38079	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	22543	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	50470	20.00	ng		0.00
76) Chrysene-d12	21.26	240	56162	20.00	ng		0.00
87) Perylene-d12	23.48	264	59124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	44924	86.25	ng		0.00
7) Phenol-d6	6.83	99	57973	83.92	ng		0.00
23) Nitrobenzene-d5	8.82	82	49575	78.75	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	31974	87.94	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	139991	82.29	ng		0.00
79) Terphenyl-d14	19.69	244	206446	70.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	5681	29.930	ng	#	92
3) Pyridine	3.57	79	15793	29.774	ng		100
4) n-Nitrosodimethylamine	3.50	42	5886	34.039	ng		98
6) Aniline	6.99	93	15766	17.922	ng		99
8) 2-Chlorophenol	7.22	128	26065	39.421	ng		99
9) Benzaldehyde	6.80	77	11988	30.199	ng		99
10) Phenol	6.86	94	29731	40.163	ng		100
11) bis(2-Chloroethyl)ether	7.09	93	20332	35.518	ng		98
12) 1,3-Dichlorobenzene	7.54	146	25526	35.434	ng		98
13) 1,4-Dichlorobenzene	7.69	146	26166	35.884	ng		100
14) 1,2-Dichlorobenzene	8.00	146	25221	36.141	ng		100
15) Benzyl Alcohol	7.90	79	19819	37.709	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	23827	34.500	ng		99
17) 2-Methylphenol	8.10	107	21189	41.059	ng		98
18) Hexachloroethane	8.71	117	8862	34.288	ng		99
19) n-Nitroso-di-n-propylamine	8.46	70	16146	35.652	ng		98
20) 3+4-Methylphenols	8.43	107	28645	40.881	ng		99
22) Acetophenone	8.48	105	34712	39.933	ng	#	99
24) Nitrobenzene	8.86	77	23953	37.599	ng		99
25) Isophorone	9.37	82	46429	37.860	ng		98
26) 2-Nitrophenol	9.56	139	13907	37.596	ng		96
27) 2,4-Dimethylphenol	9.62	122	24790	48.135	ng		99
28) bis(2-Chloroethoxy)methane	9.86	93	29617	38.979	ng		99
29) 2,4-Dichlorophenol	10.09	162	25539	43.147	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	25887	39.703	ng		99
31) Naphthalene	10.49	128	77388	38.953	ng		100
32) Benzoic acid	9.76	122	4827	15.943	ng		99
33) 4-Chloroaniline	10.61	127	5952	7.363	ng		99
34) Hexachlorobutadiene	10.75	225	15837	37.538	ng		100
35) Caprolactam	11.40	113	7685m	39.652	ng		
36) 4-Chloro-3-methylphenol	11.74	107	26535	41.499	ng		100
37) 2-Methylnaphthalene	12.10	142	58121	41.429	ng		100
38) 1-Methylnaphthalene	12.33	142	55310	40.290	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	31229	39.057	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	41536	91.137	ng		97
43) 2,4,6-Trichlorophenol	12.73	196	20875	42.075	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	22454	41.543	ng		98
46) 1,1'-Biphenyl	13.13	154	76289	39.985	ng		100
47) 2-Chloronaphthalene	13.17	162	58536	39.980	ng		99
48) 2-Nitroaniline	13.39	65	15208	39.020	ng		97
49) Acenaphthylene	14.02	152	95635	38.835	ng		100
50) Dimethylphthalate	13.77	163	75825	40.941	ng		100
51) 2,6-Dinitrotoluene	13.90	165	16921	40.151	ng		99
52) Acenaphthene	14.37	154	55050	39.739	ng		99
53) 3-Nitroaniline	14.23	138	5392	12.518	ng		99
54) 2,4-Dinitrophenol	14.45	184	2304	15.549	ng		97
55) Dibenzofuran	14.70	168	89776	40.727	ng		98
56) 4-Nitrophenol	14.55	139	23548	69.396	ng		97
57) 2,4-Dinitrotoluene	14.69	165	23462	40.965	ng		99
58) Fluorene	15.36	166	71840	40.344	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	21112	42.128	ng	#	100
60) Diethylphthalate	15.13	149	76606	41.450	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	38381	41.781	ng		98
62) 4-Nitroaniline	15.40	138	15676	36.222	ng		96
63) Azobenzene	15.64	77	59867	38.914	ng		98
65) 4,6-Dinitro-2-methylphenol	15.45	198	3025	11.478	ng		97
66) n-Nitrosodiphenylamine	15.57	169	64332	40.466	ng		100
67) 4-Bromophenyl-phenylether	16.25	248	25512	40.507	ng		95
68) Hexachlorobenzene	16.35	284	30429	41.239	ng		98
69) Atrazine	16.52	200	22925	40.362	ng		99
70) Pentachlorophenol	16.70	266	26861	69.237	ng		99
71) Phenanthrene	17.09	178	113613	40.063	ng		99
72) Anthracene	17.19	178	116793	41.377	ng		99
73) Carbazole	17.46	167	103734	40.375	ng		100
74) Di-n-butylphthalate	18.01	149	128312	40.997	ng		99
75) Fluoranthene	19.12	202	133380	41.228	ng		100
77) Benzidine	19.32	184	38321	21.894	ng		99
78) Pyrene	19.49	202	135871	36.232	ng		99
80) Butylbenzylphthalate	20.39	149	58398	38.325	ng		97
81) Benzo(a)anthracene	21.24	228	134110	38.335	ng		99
82) 3,3'-Dichlorobenzidine	21.17	252	23043	17.615	ng		99
83) Chrysene	21.29	228	130913	39.178	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	85278	40.449	ng		98
85) Di-n-octyl phthalate	22.03	149	150029	44.095	ng		100
86) Indeno(1,2,3-cd)pyrene	25.73	276	165263	43.534	ng		99
88) Benzo(b)fluoranthene	22.82	252	145794	40.061	ng		100
89) Benzo(k)fluoranthene	22.86	252	144253	43.225	ng		99
90) Benzo(a)pyrene	23.39	252	140417	42.164	ng		100
91) Dibenzo(a,h)anthracene	25.74	278	139503	41.726	ng		100
92) Benzo(g,h,i)perylene	26.42	276	134723	40.746	ng		100

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

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