Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005013.D
Acq On : 28 Mar 2019 02:24
Operator : JU/SJ
Sample : IDOC-S-04
Misc : For Extraction
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : IDOC-S-04

Quant Time: Mar 28 04:56:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9662	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	38388	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	20375	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	38938	20.00	ng		0.00
76) Chrysene-d12	21.26	240	30611	20.00	ng		-0.01
87) Perylene-d12	23.50	264	28291	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	72692	130.07	ng		0.00
7) Phenol-d6	6.86	99	91220	123.07	ng		0.00
23) Nitrobenzene-d5	8.84	82	47659	75.10	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	39096	118.97	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	121225	78.84	ng		0.00
79) Terphenyl-d14	19.70	244	134318	84.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	10676	52.422	ng	#	93
3) Pyridine	3.60	79	19986	35.117	ng		99
4) n-Nitrosodimethylamine	3.52	42	6966	37.545	ng		94
6) Aniline	7.02	93	29462	31.213	ng		100
8) 2-Chlorophenol	7.25	128	27304	38.487	ng		99
9) Benzaldehyde	6.83	77	8938	20.984	ng		99
10) Phenol	6.88	94	30579	38.500	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	22401	36.471	ng		99
12) 1,3-Dichlorobenzene	7.56	146	28879	37.362	ng		99
13) 1,4-Dichlorobenzene	7.71	146	29391	37.566	ng		98
14) 1,2-Dichlorobenzene	8.02	146	27995	37.389	ng		98
15) Benzyl Alcohol	7.92	79	20249	35.907	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26775	36.132	ng		99
17) 2-Methylphenol	8.12	107	21246	38.370	ng		98
18) Hexachloroethane	8.74	117	10014	36.111	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	16861	34.699	ng		99
20) 3+4-Methylphenols	8.45	107	28313	37.660	ng		98
22) Acetophenone	8.50	105	36256	41.374	ng	#	100
24) Nitrobenzene	8.88	77	25384	39.524	ng		100
25) Isophorone	9.39	82	46179	37.353	ng		100
26) 2-Nitrophenol	9.59	139	14121	37.867	ng		99
27) 2,4-Dimethylphenol	9.64	122	23981	46.190	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	29716	38.795	ng		100
29) 2,4-Dichlorophenol	10.12	162	24794	41.551	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	26976	41.040	ng		99
31) Naphthalene	10.51	128	80116	40.001	ng		100
32) Benzoic acid	9.80	122	12173	31.310	ng		98
33) 4-Chloroaniline	10.63	127	13796	16.930	ng		100
34) Hexachlorobutadiene	10.77	225	16721	39.315	ng		99
35) Caprolactam	11.42	113	6299	32.239	ng		100
36) 4-Chloro-3-methylphenol	11.76	107	23926	37.117	ng		99
37) 2-Methylnaphthalene	12.13	142	56608	40.025	ng		99
38) 1-Methylnaphthalene	12.35	142	53591	38.724	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30091	41.638	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42023	101.481	ng		100
43) 2,4,6-Trichlorophenol	12.75	196	18963	42.288	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	19654	40.232	ng		99
46) 1,1'-Biphenyl	13.15	154	71380	41.393	ng		100
47) 2-Chloronaphthalene	13.19	162	54779	41.395	ng		99
48) 2-Nitroaniline	13.42	65	13061	37.077	ng		98
49) Acenaphthylene	14.05	152	86330	38.787	ng		100
50) Dimethylphthalate	13.79	163	64089	38.286	ng		99
51) 2,6-Dinitrotoluene	13.92	165	14230	37.358	ng		96
52) Acenaphthene	14.39	154	49579	39.598	ng		99
53) 3-Nitroaniline	14.25	138	7029	18.055	ng		100
54) 2,4-Dinitrophenol	14.46	184	14727	66.192	ng		99
55) Dibenzofuran	14.72	168	78279	39.290	ng		100
56) 4-Nitrophenol	14.56	139	20089	65.502	ng		98
57) 2,4-Dinitrotoluene	14.70	165	18725	36.173	ng		99
58) Fluorene	15.37	166	61711	38.343	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17487	38.607	ng	#	100
60) Diethylphthalate	15.15	149	62181	37.225	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	32657	39.333	ng		98
62) 4-Nitroaniline	15.42	138	11832	30.249	ng		98
63) Azobenzene	15.66	77	52231	37.563	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9471	36.960	ng		100
66) n-Nitrosodiphenylamine	15.59	169	53047	43.250	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	20401	41.985	ng		99
68) Hexachlorobenzene	16.37	284	23812	41.828	ng		99
69) Atrazine	16.54	200	17046	38.900	ng		99
70) Pentachlorophenol	16.72	266	22516	75.226	ng		99
71) Phenanthrene	17.12	178	87605	40.041	ng		99
72) Anthracene	17.20	178	89431	41.066	ng		100
73) Carbazole	17.48	167	73675	37.168	ng		99
74) Di-n-butylphthalate	18.03	149	89342	36.999	ng		100
75) Fluoranthene	19.13	202	88350	35.397	ng		100
77) Benzidine	19.33	184	34673	36.346	ng		100
78) Pyrene	19.50	202	88258	43.180	ng		99
80) Butylbenzylphthalate	20.40	149	32164	38.727	ng		98
81) Benzo(a)anthracene	21.25	228	73483	38.538	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	17554	24.619	ng		99
83) Chrysene	21.30	228	70438	38.675	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	43894	38.198	ng		99
85) Di-n-octyl phthalate	22.04	149	70040	37.768	ng		99
86) Indeno(1,2,3-cd)pyrene	25.76	276	81875	39.570	ng		100
88) Benzo(b)fluoranthene	22.83	252	70198	40.311	ng		99
89) Benzo(k)fluoranthene	22.87	252	68002	42.584	ng		99
90) Benzo(a)pyrene	23.40	252	66929	42.000	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	69273	43.301	ng		100
92) Benzo(g,h,i)perylene	26.45	276	69354	43.835	ng		100

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

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