Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005011.D
Acq On : 28 Mar 2019 01:12
Operator : JU/SJ
Sample : IDOC-S-02
Misc : For Extraction
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-S-02

Manual Integrations APPROVED
Sohil
3/28/2019 5:10:25 PM

Quant Time: Mar 28 05:38:37 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	11751	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	47773	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	25774	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	52706	20.00	ng	0.00
76) Chrysene-d12	21.27	240	42671	20.00	ng	0.00
87) Perylene-d12	23.50	264	32778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	96045	141.31	ng	0.00
7) Phenol-d6	6.86	99	124653	138.27	ng	0.00
23) Nitrobenzene-d5	8.85	82	71527	90.57	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	57928	139.35	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	184620	94.92	ng	0.00
79) Terphenyl-d14	19.70	244	224522	101.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	8135	32.844	ng	# 93
3) Pyridine	3.59	79	22695	32.788	ng	98
4) n-Nitrosodimethylamine	3.52	42	8834	39.149	ng	95
6) Aniline	7.02	93	34517	30.068	ng	100
8) 2-Chlorophenol	7.25	128	35568	41.223	ng	100
9) Benzaldehyde	6.83	77	12792	24.694	ng	99
10) Phenol	6.89	94	40104	41.516	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	28969	38.780	ng	99
12) 1,3-Dichlorobenzene	7.56	146	35505	37.769	ng	99
13) 1,4-Dichlorobenzene	7.71	146	37022	38.907	ng	98
14) 1,2-Dichlorobenzene	8.02	146	35415	38.890	ng	99
15) Benzyl Alcohol	7.92	79	26998	39.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	34398	38.167	ng	100
17) 2-Methylphenol	8.12	107	28004	41.584	ng	100
18) Hexachloroethane	8.73	117	12764	37.845	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	22536	38.133	ng	99
20) 3+4-Methylphenols	8.45	107	38051	41.615	ng	100
22) Acetophenone	8.50	105	47521	43.576	ng	99
24) Nitrobenzene	8.89	77	33469	41.876	ng	100
25) Isophorone	9.40	82	62090	40.357	ng	99
26) 2-Nitrophenol	9.59	139	19169	41.306	ng	100
27) 2,4-Dimethylphenol	9.65	122	30496	47.199	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	39850	41.805	ng	100
29) 2,4-Dichlorophenol	10.12	162	33067	44.529	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	34952	42.728	ng	100
31) Naphthalene	10.51	128	105456	42.309	ng	100
32) Benzoic acid	9.82	122	19453	38.583	ng	100
33) 4-Chloroaniline	10.63	127	13972	13.778	ng	100
34) Hexachlorobutadiene	10.78	225	21774	41.138	ng	99
35) Caprolactam	11.43	113	9261m	38.087	ng	
36) 4-Chloro-3-methylphenol	11.76	107	33310	41.523	ng	100
37) 2-Methylnaphthalene	12.13	142	75731	43.027	ng	100
38) 1-Methylnaphthalene	12.35	142	72085	41.855	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	40543	44.349	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	46350	89.059 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	26530	46.770 ng	99
44) 2,4,5-Trichlorophenol	12.82	196	27997	45.305 ng	99
46) 1,1'-Biphenyl	13.15	154	95313	43.693 ng	100
47) 2-Chloronaphthalene	13.19	162	74513	44.512 ng	99
48) 2-Nitroaniline	13.42	65	18440	41.381 ng	98
49) Acenaphthylene	14.05	152	118009	41.914 ng	100
50) Dimethylphthalate	13.79	163	89779	42.398 ng	100
51) 2,6-Dinitrotoluene	13.92	165	20218	41.960 ng	100
52) Acenaphthene	14.39	154	67312	42.499 ng	99
53) 3-Nitroaniline	14.25	138	9109	18.496 ng	97
54) 2,4-Dinitrophenol	14.46	184	23396	81.283 ng	98
55) Dibenzofuran	14.72	168	108129	42.904 ng	98
56) 4-Nitrophenol	14.57	139	30831	79.469 ng	99
57) 2,4-Dinitrotoluene	14.71	165	27384	41.819 ng	98
58) Fluorene	15.37	166	85897	42.191 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	25147m	43.889 ng	
60) Diethylphthalate	15.15	149	88562	41.913 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	45229	43.064 ng	98
62) 4-Nitroaniline	15.42	138	17626	35.622 ng	98
63) Azobenzene	15.66	77	72779	41.376 ng	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	15646	44.414 ng	98
66) n-Nitrosodiphenylamine	15.59	169	74408	44.818 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	29315	44.571 ng	98
68) Hexachlorobenzene	16.37	284	34133	44.296 ng	99
69) Atrazine	16.54	200	23474	39.576 ng	100
70) Pentachlorophenol	16.72	266	36856	90.970 ng	100
71) Phenanthrene	17.12	178	126911	42.854 ng	100
72) Anthracene	17.20	178	127494	43.251 ng	100
73) Carbazole	17.48	167	110064	41.021 ng	100
74) Di-n-butylphthalate	18.03	149	137072	41.937 ng	100
75) Fluoranthene	19.13	202	136009	40.257 ng	99
77) Benzidine	19.33	184	32141	24.169 ng	99
78) Pyrene	19.50	202	135112	47.420 ng	99
80) Butylbenzylphthalate	20.40	149	52203	45.091 ng	100
81) Benzo(a)anthracene	21.25	228	114744	43.170 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	25364	25.519 ng	99
83) Chrysene	21.30	228	107253	42.246 ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	69873	43.620 ng	99
85) Di-n-octyl phthalate	22.04	149	107499	41.584 ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	124845	43.284 ng	100
88) Benzo(b)fluoranthene	22.83	252	102079	50.595 ng	99
89) Benzo(k)fluoranthene	22.87	252	99274	53.657 ng	99
90) Benzo(a)pyrene	23.40	252	95610	51.785 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	104435	56.344 ng	99
92) Benzo(g,h,i)perylene	26.46	276	106425	58.058 ng	99

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

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