Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN004990.D
Acq On : 27 Mar 2019 09:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/28/2019 5:10:20 PM

Quant Time: Mar 28 04:59:33 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	9934	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	44535	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	26054	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	60281	20.00	ng		0.00
76) Chrysene-d12	21.27	240	71562	20.00	ng		0.00
87) Perylene-d12	23.52	264	78389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	46203	80.41	ng		0.00
7) Phenol-d6	6.85	99	61792	81.08	ng		0.00
23) Nitrobenzene-d5	8.84	82	58928	80.04	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	36063	85.82	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	157902	80.31	ng		0.00
79) Terphenyl-d14	19.70	244	273183	73.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	8328	39.773	ng		99
3) Pyridine	3.59	79	23910	40.862	ng		99
4) n-Nitrosodimethylamine	3.53	42	7849	41.146	ng		98
6) Aniline	7.01	93	39439	40.639	ng		100
8) 2-Chlorophenol	7.24	128	29304	40.175	ng		99
9) Benzaldehyde	6.83	77	18329	41.854	ng		98
10) Phenol	6.88	94	33073	40.500	ng		100
11) bis(2-Chloroethyl)ether	7.11	93	25491	40.366	ng		99
12) 1,3-Dichlorobenzene	7.56	146	31516	39.658	ng		99
13) 1,4-Dichlorobenzene	7.71	146	31925	39.687	ng		99
14) 1,2-Dichlorobenzene	8.02	146	30665	39.833	ng		98
15) Benzyl Alcohol	7.92	79	23502	40.535	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	30416	39.922	ng		99
17) 2-Methylphenol	8.12	107	23257	40.852	ng		99
18) Hexachloroethane	8.73	117	11157	39.131	ng		99
19) n-Nitroso-di-n-propylamine	8.48	70	20633	41.299	ng		99
20) 3+4-Methylphenols	8.45	107	31667	40.968	ng		99
22) Acetophenone	8.50	105	41411	40.734	ng	#	99
24) Nitrobenzene	8.88	77	30029	40.303	ng		100
25) Isophorone	9.39	82	58629	40.878	ng		100
26) 2-Nitrophenol	9.59	139	17389	40.194	ng		100
27) 2,4-Dimethylphenol	9.64	122	24364	40.450	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	36177	40.711	ng		100
29) 2,4-Dichlorophenol	10.12	162	28135	40.642	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	30763	40.342	ng		99
31) Naphthalene	10.51	128	93295	40.152	ng		100
32) Benzoic acid	9.81	122	18823	39.831	ng		99
33) 4-Chloroaniline	10.63	127	39168	41.432	ng		99
34) Hexachlorobutadiene	10.77	225	19768	40.064	ng		99
35) Caprolactam	11.43	113	10151	44.783	ng		100
36) 4-Chloro-3-methylphenol	11.76	107	31195	41.714	ng		99
37) 2-Methylnaphthalene	12.13	142	67221	40.969	ng		99
38) 1-Methylnaphthalene	12.35	142	66049	41.138	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	36873	39.901	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	19215	39.172 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	23400	40.808 ng	98
44) 2,4,5-Trichlorophenol	12.82	196	25578	40.945 ng	100
46) 1,1'-Biphenyl	13.15	154	88989	40.356 ng	99
47) 2-Chloronaphthalene	13.19	162	68365	40.401 ng	99
48) 2-Nitroaniline	13.42	65	18761	41.649 ng	99
49) Acenaphthylene	14.05	152	116469	40.922 ng	99
50) Dimethylphthalate	13.79	163	89014	41.585 ng	99
51) 2,6-Dinitrotoluene	13.92	165	20472	42.031 ng	97
52) Acenaphthene	14.39	154	65556	40.946 ng	99
53) 3-Nitroaniline	14.25	138	21247	42.680 ng	97
54) 2,4-Dinitrophenol	14.46	184	11364	42.802 ng	99
55) Dibenzofuran	14.72	168	105594	41.448 ng	99
56) 4-Nitrophenol	14.56	139	17074	43.537 ng	99
57) 2,4-Dinitrotoluene	14.70	165	28744	43.424 ng	99
58) Fluorene	15.37	166	86277	41.922 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	24531m	42.353 ng	
60) Diethylphthalate	15.15	149	90637	42.434 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	44150	41.585 ng	99
62) 4-Nitroaniline	15.42	138	22178	44.340 ng	99
63) Azobenzene	15.66	77	74519	41.910 ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	16403	40.974 ng	98
66) n-Nitrosodiphenylamine	15.59	169	75170	39.588 ng	100
67) 4-Bromophenyl-phenylether	16.26	248	29708	39.492 ng	99
68) Hexachlorobenzene	16.37	284	35370	40.133 ng	98
69) Atrazine	16.54	200	28530	42.055 ng	99
70) Pentachlorophenol	16.72	266	19298	41.647 ng	100
71) Phenanthrene	17.12	178	137570	40.616 ng	100
72) Anthracene	17.20	178	137964	40.922 ng	100
73) Carbazole	17.49	167	129394	42.165 ng	99
74) Di-n-butylphthalate	18.03	149	158112	42.296 ng	100
75) Fluoranthene	19.14	202	168545	43.618 ng	99
77) Benzidine	19.33	184	91408	40.986 ng	99
78) Pyrene	19.50	202	171219	35.832 ng	100
80) Butylbenzylphthalate	20.40	149	75298	38.782 ng	98
81) Benzo(a)anthracene	21.26	228	180798	40.559 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	70986	42.586 ng	98
83) Chrysene	21.31	228	171867	40.366 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	110468	41.121 ng	99
85) Di-n-octyl phthalate	22.05	149	192699	44.448 ng	99
86) Indeno(1,2,3-cd)pyrene	25.79	276	217994	45.067 ng	100
88) Benzo(b)fluoranthene	22.84	252	193105	40.021 ng	99
89) Benzo(k)fluoranthene	22.89	252	177561	40.130 ng	99
90) Benzo(a)pyrene	23.42	252	179003	40.541 ng	99
91) Dibenzo(a,h)anthracene	25.79	278	178870	40.352 ng	99
92) Benzo(g,h,i)perylene	26.47	276	172779	39.413 ng	99

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

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