Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018240.D
Acq On : 17 Dec 2018 09:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2018 6:14:55 PM

Quant Time: Dec 18 00:59:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	137519	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	593083	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	346815	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	746736	20.00	ng	0.00
76) Chrysene-d12	21.14	240	784673	20.00	ng	0.00
87) Perylene-d12	23.30	264	663671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	645076	78.36	ng	0.00
7) Phenol-d6	6.69	99	886466	77.47	ng	-0.01
23) Nitrobenzene-d5	8.66	82	912721	78.94	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	384093	75.46	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2120257	79.18	ng	0.00
79) Terphenyl-d14	19.57	244	2760285	79.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	125876	38.600	ng	97
3) Pyridine	3.50	79	379505	39.558	ng	99
4) n-Nitrosodimethylamine	3.43	42	125777	38.090	ng	97
6) Aniline	6.85	93	527504	36.750	ng	96
8) 2-Chlorophenol	7.06	128	373407	38.391	ng	98
9) Benzaldehyde	6.66	77	252927	36.265	ng	97
10) Phenol	6.72	94	456345	37.659	ng	97
11) bis(2-Chloroethyl)ether	6.95	93	362923	37.684	ng	97
12) 1,3-Dichlorobenzene	7.38	146	418590	38.540	ng	97
13) 1,4-Dichlorobenzene	7.53	146	427432	38.754	ng	98
14) 1,2-Dichlorobenzene	7.84	146	415769	39.104	ng	99
15) Benzyl Alcohol	7.75	79	364160	39.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.03	45	321444	37.089	ng	94
17) 2-Methylphenol	7.95	107	321809	39.772	ng	98
18) Hexachloroethane	8.55	117	157649	38.997	ng	99
19) n-Nitroso-di-n-propylamine	8.31	70	324186	37.945	ng	95
20) 3+4-Methylphenols	8.28	107	441534	38.944	ng	98
22) Acetophenone	8.32	105	608384	38.763	ng	99
24) Nitrobenzene	8.70	77	450820	39.021	ng	99
25) Isophorone	9.22	82	728568	37.847	ng	98
26) 2-Nitrophenol	9.40	139	224812	39.674	ng	99
27) 2,4-Dimethylphenol	9.46	122	315012	38.573	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	462324	36.844	ng	99
29) 2,4-Dichlorophenol	9.92	162	366514	40.478	ng	100
30) 1,2,4-Trichlorobenzene	10.13	180	393119	38.169	ng	95
31) Naphthalene	10.31	128	1100123	37.935	ng	99
32) Benzoic acid	9.66	122	285874m	36.968	ng	
33) 4-Chloroaniline	10.45	127	509310	40.093	ng	98
34) Hexachlorobutadiene	10.58	225	252859	38.818	ng	99
35) Caprolactam	11.26	113	123713	35.856	ng	97
36) 4-Chloro-3-methylphenol	11.58	107	428678	39.400	ng	99
37) 2-Methylnaphthalene	11.93	142	795976	38.920	ng	100
38) 1-Methylnaphthalene	12.16	142	769086	38.538	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	454992	38.151	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	154503	34.682	ng	98
43) 2,4,6-Trichlorophenol	12.57	196	289600	37.755	ng	97
44) 2,4,5-Trichlorophenol	12.65	196	304426	37.384	ng	98
46) 1,1'-Biphenyl	12.97	154	1170965	37.530	ng	99
47) 2-Chloronaphthalene	13.02	162	871962	37.970	ng	99
48) 2-Nitroaniline	13.25	65	269543	38.103	ng	99
49) Acenaphthylene	13.87	152	1293237	37.370	ng	99
50) Dimethylphthalate	13.63	163	1057340	36.671	ng	99
51) 2,6-Dinitrotoluene	13.76	165	235267	37.117	ng	91
52) Acenaphthene	14.22	154	807594	38.185	ng	99
53) 3-Nitroaniline	14.09	138	255621	38.322	ng	100
54) 2,4-Dinitrophenol	14.31	184	121405	34.722	ng	97
55) Dibenzofuran	14.56	168	1298113	38.199	ng	99
56) 4-Nitrophenol	14.42	139	188470	37.267	ng	97
57) 2,4-Dinitrotoluene	14.56	165	338423	38.627	ng	96
58) Fluorene	15.22	166	951209	36.241	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	275987	37.632	ng	99
60) Diethylphthalate	15.00	149	1107348	35.588	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	535175	36.053	ng	99
62) 4-Nitroaniline	15.27	138	235640	37.231	ng	99
63) Azobenzene	15.51	77	1084785	38.234	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	188489	34.288	ng	96
66) n-Nitrosodiphenylamine	15.44	169	918829	37.210	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	348245	38.507	ng	97
68) Hexachlorobenzene	16.22	284	378014	38.154	ng	97
69) Atrazine	16.41	200	309510	37.128	ng	99
70) Pentachlorophenol	16.57	266	248328	37.951	ng	97
71) Phenanthrene	16.96	178	1548976	38.189	ng	99
72) Anthracene	17.05	178	1547018	38.445	ng	99
73) Carbazole	17.33	167	1566890	37.938	ng	100
74) Di-n-butylphthalate	17.90	149	1908954	37.459	ng	99
75) Fluoranthene	18.99	202	1780630	37.759	ng	100
77) Benzidine	19.20	184	925786	46.527	ng	98
78) Pyrene	19.36	202	1860346	39.790	ng	99
80) Butylbenzylphthalate	20.28	149	870582	39.140	ng	97
81) Benzo(a)anthracene	21.12	228	1748224	38.140	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	710196	38.783	ng	98
83) Chrysene	21.17	228	1670662	37.894	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1285730	38.786	ng	100
85) Di-n-octyl phthalate	21.93	149	2043860	37.647	ng	99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1405528m	32.004	ng	
88) Benzo(b)fluoranthene	22.66	252	1521037	40.800	ng	99
89) Benzo(k)fluoranthene	22.70	252	1489374	40.115	ng	98
90) Benzo(a)pyrene	23.20	252	1363722	38.462	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1192742	36.315	ng	98
92) Benzo(g,h,i)perylene	26.08	276	1134892	36.554	ng	99

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

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