Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
Data File : BM017616.D
Acq On : 12 Nov 2018 17:02
Operator : MJ/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
11/13/2018 2:25:19 PM

Quant Time: Nov 12 17:35:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 16:10:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	234858	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	1063547	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	617412	20.00	ng		0.00
64) Phenanthrene-d10	17.02	188	1403522	20.00	ng		0.00
76) Chrysene-d12	21.22	240	1499946	20.00	ng		0.00
87) Perylene-d12	23.41	264	1282146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	2323599	167.33	ng		0.00
7) Phenol-d6	6.82	99	3268794	172.84	ng		0.01
23) Nitrobenzene-d5	8.78	82	3402361	187.10	ng		0.00
42) 2,4,6-Tribromophenol	15.77	330	1540464	184.50	ng		0.00
45) 2-Fluorobiphenyl	12.88	172	7753657	167.09	ng		0.00
79) Terphenyl-d14	19.66	244	10301818	154.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	454002	64.028	ng		99
3) Pyridine	3.62	79	1426185	87.415	ng		99
4) n-Nitrosodimethylamine	3.53	42	620432	94.728	ng		99
6) Aniline	6.97	93	2017022	85.269	ng		99
8) 2-Chlorophenol	7.19	128	1383321	86.111	ng		97
9) Benzaldehyde	6.78	77	1109049	91.972	ng		98
10) Phenol	6.84	94	1718642	84.439	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	1330780	82.019	ng		98
12) 1,3-Dichlorobenzene	7.51	146	1524464	81.406	ng		97
13) 1,4-Dichlorobenzene	7.65	146	1559063	81.487	ng		98
14) 1,2-Dichlorobenzene	7.96	146	1514929	82.182	ng		99
15) Benzyl Alcohol	7.87	79	1322961	95.703	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1966775	86.764	ng		99
17) 2-Methylphenol	8.06	107	1146559	87.763	ng		97
18) Hexachloroethane	8.67	117	568857	86.879	ng		98
19) n-Nitroso-di-n-propylamine	8.43	70	1174479	94.315	ng		100
20) 3+4-Methylphenols	8.40	107	1627652	91.091	ng		98
22) Acetophenone	8.45	105	2179476	80.842	ng	#	99
24) Nitrobenzene	8.82	77	1684481	87.572	ng		99
25) Isophorone	9.35	82	2663652	88.705	ng		100
26) 2-Nitrophenol	9.52	139	847723	102.235	ng		99
27) 2,4-Dimethylphenol	9.59	122	1154551	86.953	ng		98
28) bis(2-Chloroethoxy)methane	9.82	93	1767450	83.626	ng		98
29) 2,4-Dichlorophenol	10.05	162	1379145	89.459	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	1526468	82.539	ng		97
31) Naphthalene	10.44	128	4237378	81.300	ng		99
32) Benzoic acid	9.81	122	1132143m	114.275	ng		
33) 4-Chloroaniline	10.56	127	1934545	85.941	ng		99
34) Hexachlorobutadiene	10.72	225	941896	80.380	ng		99
35) Caprolactam	11.40	113	501618m	89.281	ng		
36) 4-Chloro-3-methylphenol	11.70	107	1569411	90.312	ng		99
37) 2-Methylnaphthalene	12.06	142	3015090	84.537	ng		98
38) 1-Methylnaphthalene	12.28	142	2923110	84.207	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1799608	82.767	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	995838	94.739 ng	100
43) 2,4,6-Trichlorophenol	12.69	196	1181723	93.624 ng	98
44) 2,4,5-Trichlorophenol	12.76	196	1238942	91.537 ng	99
46) 1,1'-Biphenyl	13.09	154	4534980	81.622 ng	100
47) 2-Chloronaphthalene	13.13	162	3409135	83.405 ng	98
48) 2-Nitroaniline	13.36	65	1122251	106.230 ng	98
49) Acenaphthylene	13.99	152	5168563	87.237 ng	100
50) Dimethylphthalate	13.74	163	4098409	86.040 ng	99
51) 2,6-Dinitrotoluene	13.86	165	952581	90.861 ng	99
52) Acenaphthene	14.33	154	3123869	83.975 ng	100
53) 3-Nitroaniline	14.20	138	1036294	91.266 ng	98
54) 2,4-Dinitrophenol	14.40	184	560376	111.733 ng	98
55) Dibenzofuran	14.67	168	5055807	81.727 ng	99
56) 4-Nitrophenol	14.51	139	827044	89.724 ng	97
57) 2,4-Dinitrotoluene	14.66	165	1332669	94.577 ng	98
58) Fluorene	15.32	166	3943135	86.116 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	1133408	91.867 ng	99
60) Diethylphthalate	15.11	149	4216618	89.261 ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	2184166	83.672 ng	98
62) 4-Nitroaniline	15.37	138	1020084	86.671 ng	98
63) Azobenzene	15.62	77	4148730	90.356 ng	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	874263	107.574 ng	99
66) n-Nitrosodiphenylamine	15.54	169	3697825	87.083 ng	100
67) 4-Bromophenyl-phenylether	16.22	248	1377012	89.354 ng	97
68) Hexachlorobenzene	16.32	284	1525395	85.212 ng	97
69) Atrazine	16.50	200	1407193	92.592 ng	96
70) Pentachlorophenol	16.67	266	1141838	93.114 ng	99
71) Phenanthrene	17.06	178	6168845	81.464 ng	100
72) Anthracene	17.15	178	6158550	85.592 ng	100
73) Carbazole	17.43	167	6293522	85.627 ng	100
74) Di-n-butylphthalate	18.00	149	7122412	91.877 ng	100
75) Fluoranthene	19.09	202	7129755	83.673 ng	99
77) Benzidine	19.28	184	4234355	111.333 ng	100
78) Pyrene	19.45	202	7438496	88.730 ng	99
80) Butylbenzylphthalate	20.36	149	3286126	113.997 ng	99
81) Benzo(a)anthracene	21.20	228	6957096	82.422 ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	2909877	92.497 ng	99
83) Chrysene	21.26	228	6716282	80.389 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	4632472	102.699 ng	100
85) Di-n-octyl phthalate	22.01	149	7457479	97.659 ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	5603485	59.965 ng	100
88) Benzo(b)fluoranthene	22.76	252	6210076	88.589 ng	99
89) Benzo(k)fluoranthene	22.80	252	6164250	87.635 ng	99
90) Benzo(a)pyrene	23.32	252	5683734	85.396 ng	99
91) Dibenzo(a,h)anthracene	25.62	278	4776750	72.277 ng	100
92) Benzo(g,h,i)perylene	26.27	276	4492285	68.582 ng	99

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

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