Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
Data File : BM018204.D
Acq On : 15 Dec 2018 14:39
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/17/2018 4:19:44 PM

Quant Time: Dec 15 21:20:37 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 21:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	116615	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	508416	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	301014	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	670763	20.00	ng	0.00
76) Chrysene-d12	21.14	240	746965	20.00	ng	0.00
87) Perylene-d12	23.30	264	763866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	550168	79.81	ng	0.00
7) Phenol-d6	6.70	99	785349	81.48	ng	0.00
23) Nitrobenzene-d5	8.66	82	809721	82.25	ng	0.00
42) 2,4,6-Tribromophenol	15.67	330	347368	80.63	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	1784721	77.39	ng	0.00
79) Terphenyl-d14	19.57	244	2513473	76.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	106812	37.370	ng	100
3) Pyridine	3.51	79	325313	38.829	ng	100
4) n-Nitrosodimethylamine	3.43	42	111351	31.171	ng	100
6) Aniline	6.85	93	492519	41.164	ng	100
8) 2-Chlorophenol	7.07	128	327457	39.721	ng	100
9) Benzaldehyde	6.67	77	224905	33.038	ng	100
10) Phenol	6.73	94	417927	41.179	ng	100
11) bis(2-Chloroethyl)ether	6.95	93	323878	40.546	ng	100
12) 1,3-Dichlorobenzene	7.39	146	362748	39.193	ng	100
13) 1,4-Dichlorobenzene	7.53	146	370113	39.099	ng	100
14) 1,2-Dichlorobenzene	7.85	146	358978	39.121	ng	100
15) Benzyl Alcohol	7.76	79	316543	41.273	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.03	45	288821	25.249	ng	100
17) 2-Methylphenol	7.96	107	274726	40.392	ng	100
18) Hexachloroethane	8.55	117	137027	40.944	ng	100
19) n-Nitroso-di-n-propylamine	8.32	70	300852	43.164	ng	100
20) 3+4-Methylphenols	8.29	107	394215	41.600	ng	100
22) Acetophenone	8.33	105	533472	41.896	ng	100
24) Nitrobenzene	8.70	77	393807	39.522	ng	100
25) Isophorone	9.22	82	656070	42.874	ng	100
26) 2-Nitrophenol	9.40	139	190072	41.369	ng	100
27) 2,4-Dimethylphenol	9.47	122	272045	41.053	ng	100
28) bis(2-Chloroethoxy)methane	9.70	93	415087	40.434	ng	100
29) 2,4-Dichlorophenol	9.93	162	309607	40.469	ng	100
30) 1,2,4-Trichlorobenzene	10.13	180	344082	38.712	ng	100
31) Naphthalene	10.32	128	960332	38.712	ng	100
32) Benzoic acid	9.66	122	255278m	42.190	ng	
33) 4-Chloroaniline	10.45	127	434471	40.014	ng	100
34) Hexachlorobutadiene	10.59	225	215874	39.026	ng	100
35) Caprolactam	11.26	113	118217	41.465	ng	100
36) 4-Chloro-3-methylphenol	11.59	107	363703	40.994	ng	100
37) 2-Methylnaphthalene	11.94	142	684671	39.061	ng	100
38) 1-Methylnaphthalene	12.16	142	662113	38.567	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	393836	37.530	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	143284	27.799	ng	100
43) 2,4,6-Trichlorophenol	12.58	196	257243	39.069	ng	100
44) 2,4,5-Trichlorophenol	12.66	196	269662	38.779	ng	100
46) 1,1'-Biphenyl	12.98	154	1040190	38.695	ng	100
47) 2-Chloronaphthalene	13.02	162	763374	38.353	ng	100
48) 2-Nitroaniline	13.25	65	238543	38.970	ng	100
49) Acenaphthylene	13.88	152	1166019	38.929	ng	100
50) Dimethylphthalate	13.64	163	952417	39.075	ng	100
51) 2,6-Dinitrotoluene	13.76	165	214522	39.572	ng	100
52) Acenaphthene	14.23	154	696449	37.980	ng	100
53) 3-Nitroaniline	14.10	138	231957	39.256	ng	100
54) 2,4-Dinitrophenol	14.32	184	118976	42.377	ng	100
55) Dibenzofuran	14.56	168	1135457	37.871	ng	100
56) 4-Nitrophenol	14.43	139	171543	39.066	ng	100
57) 2,4-Dinitrotoluene	14.57	165	301294	41.195	ng	100
58) Fluorene	15.22	166	878888	38.287	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	246137	38.554	ng	100
60) Diethylphthalate	15.01	149	1020109	38.629	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	492903	37.857	ng	100
62) 4-Nitroaniline	15.27	138	222249	39.909	ng	100
63) Azobenzene	15.52	77	987757	40.458	ng	100
65) 4,6-Dinitro-2-methylphenol	15.33	198	188498	40.739	ng	100
66) n-Nitrosodiphenylamine	15.45	169	865630	40.276	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	310239	39.386	ng	100
68) Hexachlorobenzene	16.23	284	340320	38.356	ng	100
69) Atrazine	16.41	200	300024	38.395	ng	100
70) Pentachlorophenol	16.58	266	232293	37.687	ng	100
71) Phenanthrene	16.96	178	1398729	38.714	ng	100
72) Anthracene	17.06	178	1399499	39.763	ng	100
73) Carbazole	17.34	167	1437095	40.360	ng	100
74) Di-n-butylphthalate	17.90	149	1767141	44.019	ng	100
75) Fluoranthene	19.00	202	1628389	39.772	ng	100
77) Benzidine	19.20	184	783786	33.650	ng	100
78) Pyrene	19.36	202	1710532	37.540	ng	100
80) Butylbenzylphthalate	20.29	149	832400	44.179	ng	100
81) Benzo(a)anthracene	21.13	228	1690472	39.503	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	701973	42.338	ng	100
83) Chrysene	21.18	228	1608895	38.758	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1239281	44.107	ng	100
85) Di-n-octyl phthalate	21.93	149	2076868	45.809	ng	100
86) Indeno(1,2,3-cd)pyrene	25.45	276	1732812	50.026	ng	100
88) Benzo(b)fluoranthene	22.66	252	1651471	37.389	ng	100
89) Benzo(k)fluoranthene	22.71	252	1629542	36.754	ng	100
90) Benzo(a)pyrene	23.22	252	1567511	38.791	ng	100
91) Dibenzo(a,h)anthracene	25.46	278	1489011	42.976	ng	100
92) Benzo(g,h,i)perylene	26.10	276	1385797	42.591	ng	100

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

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