Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019911.D
Acq On : 15 Apr 2019 12:27
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:27 PM

Quant Time: Apr 15 15:05:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 14:51:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	121540	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	579088	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	356363	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	782288	20.00	ng	0.00
76) Chrysene-d12	21.18	240	800699	20.00	ng	0.00
87) Perylene-d12	23.38	264	715426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	598898	79.80	ng	0.00
7) Phenol-d6	6.73	99	900497	82.03	ng	0.00
23) Nitrobenzene-d5	8.70	82	1036688	84.62	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	445208	84.61	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	2249207	82.10	ng	0.00
79) Terphenyl-d14	19.61	244	3648751	90.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	128346	38.443	ng	100
3) Pyridine	3.52	79	344014	37.874	ng	100
4) n-Nitrosodimethylamine	3.45	42	119635	42.367	ng	100
6) Aniline	6.88	93	584004	41.206	ng	100
8) 2-Chlorophenol	7.10	128	370296	41.059	ng	100
9) Benzaldehyde	6.70	77	272849	39.515	ng	100
10) Phenol	6.76	94	490351	41.448	ng	100
11) bis(2-Chloroethyl)ether	6.98	93	364941	40.426	ng	100
12) 1,3-Dichlorobenzene	7.42	146	388615	40.718	ng	100
13) 1,4-Dichlorobenzene	7.56	146	394523	40.546	ng	100
14) 1,2-Dichlorobenzene	7.87	146	392263	41.436	ng	100
15) Benzyl Alcohol	7.79	79	412644	45.419	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.06	45	345304	37.461	ng	100
17) 2-Methylphenol	7.99	107	329013	42.677	ng	100
18) Hexachloroethane	8.57	117	155143	42.909	ng	100
19) n-Nitroso-di-n-propylamine	8.35	70	399155	44.321	ng	100
20) 3+4-Methylphenols	8.32	107	449983	43.001	ng	100
22) Acetophenone	8.37	105	627470	39.208	ng	100
24) Nitrobenzene	8.75	77	538941	42.300	ng	100
25) Isophorone	9.26	82	1014973	43.419	ng	100
26) 2-Nitrophenol	9.45	139	230306	43.609	ng	100
27) 2,4-Dimethylphenol	9.51	122	323977	41.264	ng	100
28) bis(2-Chloroethoxy)methane	9.75	93	562966	40.672	ng	100
29) 2,4-Dichlorophenol	9.98	162	369989	42.550	ng	100
30) 1,2,4-Trichlorobenzene	10.17	180	394510	40.236	ng	100
31) Naphthalene	10.36	128	1246050	40.824	ng	100
32) Benzoic acid	9.72	122	292801m	44.035	ng	
33) 4-Chloroaniline	10.50	127	514737	41.140	ng	100
34) Hexachlorobutadiene	10.61	225	231110	41.074	ng	100
35) Caprolactam	11.33	113	139211m	44.943	ng	
36) 4-Chloro-3-methylphenol	11.64	107	457367	42.628	ng	100
37) 2-Methylnaphthalene	11.99	142	897292	40.456	ng	100
38) 1-Methylnaphthalene	12.21	142	888991	40.664	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	431657	38.292	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	115360	22.593	ng	100
43) 2,4,6-Trichlorophenol	12.62	196	293188	40.246	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	308395	39.589	ng	100
46) 1,1'-Biphenyl	13.02	154	1210952	38.910	ng	100
47) 2-Chloronaphthalene	13.06	162	929611	40.017	ng	100
48) 2-Nitroaniline	13.31	65	338623	43.465	ng	100
49) Acenaphthylene	13.92	152	1610664	41.006	ng	100
50) Dimethylphthalate	13.67	163	1235834	40.539	ng	100
51) 2,6-Dinitrotoluene	13.82	165	273053	41.434	ng	100
52) Acenaphthene	14.26	154	888265	39.356	ng	100
53) 3-Nitroaniline	14.15	138	274931	39.390	ng	100
54) 2,4-Dinitrophenol	14.38	184	142115	37.134	ng	100
55) Dibenzofuran	14.60	168	1454727	39.967	ng	100
56) 4-Nitrophenol	14.49	139	195062	34.229	ng	100
57) 2,4-Dinitrotoluene	14.62	165	389998	40.769	ng	100
58) Fluorene	15.26	166	1225128	40.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	276594	38.140	ng	100
60) Diethylphthalate	15.04	149	1288139	41.721	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	593483	40.729	ng	100
62) 4-Nitroaniline	15.33	138	273706	38.912	ng	100
63) Azobenzene	15.55	77	1385697	42.651	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	200730	39.157	ng	100
66) n-Nitrosodiphenylamine	15.48	169	1010365	40.568	ng	100
67) 4-Bromophenyl-phenylether	16.15	248	353046	40.925	ng	100
68) Hexachlorobenzene	16.26	284	425053	41.444	ng	100
69) Atrazine	16.44	200	358154	42.720	ng	100
70) Pentachlorophenol	16.62	266	219535	35.528	ng	100
71) Phenanthrene	17.01	178	1825130	39.804	ng	100
72) Anthracene	17.10	178	1815172	40.438	ng	100
73) Carbazole	17.39	167	1704319	40.228	ng	100
74) Di-n-butylphthalate	17.93	149	2242285	43.767	ng	100
75) Fluoranthene	19.04	202	2092592	39.772	ng	100
77) Benzidine	19.24	184	888049	39.107	ng	100
78) Pyrene	19.40	202	2157012	42.577	ng	100
80) Butylbenzylphthalate	20.31	149	1044507	47.336	ng	100
81) Benzo(a)anthracene	21.16	228	2012549	40.064	ng	100
82) 3,3'-Dichlorobenzidine	21.11	252	773842	39.989	ng	100
83) Chrysene	21.22	228	1932891	39.774	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1527670	47.588	ng	100
85) Di-n-octyl phthalate	21.94	149	2464471	45.591	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1896473	36.252	ng	100
88) Benzo(b)fluoranthene	22.72	252	1851295	39.935	ng	100
89) Benzo(k)fluoranthene	22.76	252	1774711	41.622	ng	100
90) Benzo(a)pyrene	23.28	252	1653490	39.690	ng	100
91) Dibenzo(a,h)anthracene	25.60	278	1596082	40.050	ng	100
92) Benzo(g,h,i)perylene	26.27	276	1454468	39.753	ng	100

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

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