Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019910.D
Acq On : 15 Apr 2019 11:50
Operator : JU/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:22 PM

Quant Time: Apr 15 15:07:50 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	116105	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	548214	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	339609	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	757634	20.00	ng		0.00
76) Chrysene-d12	21.18	240	812673	20.00	ng		0.00
87) Perylene-d12	23.38	264	803038	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	270790	37.77	ng		0.00
7) Phenol-d6	6.73	99	400568	38.20	ng		0.00
23) Nitrobenzene-d5	8.70	82	472562	40.75	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	202514	40.39	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1040058	39.84	ng		0.00
79) Terphenyl-d14	19.61	244	1699271	41.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	61325	19.228	ng		99
3) Pyridine	3.53	79	178608	20.584	ng		99
4) n-Nitrosodimethylamine	3.45	42	50148	18.591	ng	#	95
6) Aniline	6.88	93	263635	19.472	ng		99
8) 2-Chlorophenol	7.10	128	170621	19.804	ng		99
9) Benzaldehyde	6.70	77	146250	22.172	ng		99
10) Phenol	6.76	94	218902	19.369	ng		96
11) bis(2-Chloroethyl)ether	6.98	93	163605	18.971	ng		99
12) 1,3-Dichlorobenzene	7.42	146	182567	20.024	ng		99
13) 1,4-Dichlorobenzene	7.57	146	185980	20.008	ng		97
14) 1,2-Dichlorobenzene	7.87	146	181334	20.052	ng		99
15) Benzyl Alcohol	7.80	79	181526	20.915	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	163789	18.601	ng		100
17) 2-Methylphenol	7.99	107	148103	20.110	ng		99
18) Hexachloroethane	8.58	117	71721	20.765	ng		98
19) n-Nitroso-di-n-propylamine	8.35	70	184707	21.469	ng		98
20) 3+4-Methylphenols	8.32	107	200521	20.059	ng		99
22) Acetophenone	8.37	105	288607	19.050	ng		99
24) Nitrobenzene	8.75	77	246375	20.427	ng		100
25) Isophorone	9.26	82	467976	21.147	ng		99
26) 2-Nitrophenol	9.45	139	101862	20.374	ng		97
27) 2,4-Dimethylphenol	9.51	122	148263	19.947	ng		94
28) bis(2-Chloroethoxy)methane	9.75	93	261110	19.927	ng		98
29) 2,4-Dichlorophenol	9.99	162	165755	20.136	ng		99
30) 1,2,4-Trichlorobenzene	10.17	180	181739	19.579	ng		100
31) Naphthalene	10.36	128	573450	19.846	ng		99
32) Benzoic acid	9.68	122	118210m	18.779	ng		
33) 4-Chloroaniline	10.51	127	231174	19.517	ng		99
34) Hexachlorobutadiene	10.61	225	107682	20.216	ng		98
35) Caprolactam	11.33	113	63996m	21.824	ng		
36) 4-Chloro-3-methylphenol	11.64	107	207838	20.462	ng		97
37) 2-Methylnaphthalene	11.99	142	419406	19.974	ng		99
38) 1-Methylnaphthalene	12.21	142	413833	19.996	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	200071	18.624	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	35246	7.243	ng	96
43) 2,4,6-Trichlorophenol	12.62	196	135767	19.556	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	137527	18.525	ng	98
46) 1,1'-Biphenyl	13.02	154	570384	19.232	ng	99
47) 2-Chloronaphthalene	13.06	162	428825	19.370	ng	99
48) 2-Nitroaniline	13.31	65	153059	20.615	ng	97
49) Acenaphthylene	13.92	152	753033	20.117	ng	98
50) Dimethylphthalate	13.67	163	585646	20.159	ng	100
51) 2,6-Dinitrotoluene	13.81	165	127615	20.320	ng	92
52) Acenaphthene	14.26	154	419451	19.501	ng	99
53) 3-Nitroaniline	14.15	138	124240	18.678	ng	98
54) 2,4-Dinitrophenol	14.39	184	54265	14.879	ng	96
55) Dibenzofuran	14.60	168	681932	19.660	ng	99
56) 4-Nitrophenol	14.49	139	79569	14.652	ng	99
57) 2,4-Dinitrotoluene	14.62	165	179144	19.651	ng	99
58) Fluorene	15.26	166	563215	19.698	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	129499	18.738	ng	98
60) Diethylphthalate	15.04	149	611215	20.773	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	270143	19.454	ng	96
62) 4-Nitroaniline	15.33	138	117376	17.510	ng	97
63) Azobenzene	15.55	77	650610	21.013	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	84602	17.041	ng	98
66) n-Nitrosodiphenylamine	15.48	169	472009	19.569	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	165020	19.752	ng	98
68) Hexachlorobenzene	16.26	284	197802	19.914	ng	99
69) Atrazine	16.44	200	169972	20.934	ng	99
70) Pentachlorophenol	16.62	266	96324	16.096	ng	96
71) Phenanthrene	17.00	178	864197	19.461	ng	99
72) Anthracene	17.10	178	852440	19.608	ng	100
73) Carbazole	17.39	167	800680	19.514	ng	100
74) Di-n-butylphthalate	17.93	149	1047867	21.119	ng	99
75) Fluoranthene	19.04	202	990945	19.447	ng	99
77) Benzidine	19.25	184	466818	20.254	ng	99
78) Pyrene	19.40	202	1022519	19.886	ng	100
80) Butylbenzylphthalate	20.31	149	490592	21.906	ng	99
81) Benzo(a)anthracene	21.16	228	1008843	19.787	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	400118	20.372	ng	98
83) Chrysene	21.22	228	966421	19.593	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	745607	22.884	ng	99
85) Di-n-octyl phthalate	21.95	149	1250317	22.789	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1040225	19.591	ng	100
88) Benzo(b)fluoranthene	22.72	252	992949	19.082	ng	99
89) Benzo(k)fluoranthene	22.76	252	962761	20.116	ng	100
90) Benzo(a)pyrene	23.29	252	910894	19.479	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	872687	19.509	ng	97
92) Benzo(g,h,i)perylene	26.27	276	810089	19.725	ng	99

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

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