Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018258.D
Acq On : 17 Dec 2018 21:18
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2018 6:15:16 PM

Quant Time: Dec 18 08:00:37 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 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	167215	20.00	ng		-0.01
21) Naphthalene-d8	10.26	136	722996	20.00	ng		-0.01
39) Acenaphthene-d10	14.15	164	387701	20.00	ng		-0.01
64) Phenanthrene-d10	16.92	188	746165	20.00	ng		0.00
76) Chrysene-d12	21.14	240	593615	20.00	ng		0.00
87) Perylene-d12	23.30	264	601989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	805141	80.43	ng		0.00
7) Phenol-d6	6.70	99	1113224	80.01	ng		0.00
23) Nitrobenzene-d5	8.66	82	1172781	83.20	ng		0.00
42) 2,4,6-Tribromophenol	15.66	330	386950	68.00	ng		0.00
45) 2-Fluorobiphenyl	12.76	172	2431717	81.24	ng		0.00
79) Terphenyl-d14	19.57	244	2254041	85.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	153623	38.742	ng		97
3) Pyridine	3.50	79	480177	41.163	ng		98
4) n-Nitrosodimethylamine	3.43	42	163689	40.767	ng	#	96
6) Aniline	6.85	93	679540	38.934	ng		100
8) 2-Chlorophenol	7.07	128	468277	39.594	ng		98
9) Benzaldehyde	6.66	77	336269	39.652	ng		95
10) Phenol	6.72	94	593850	40.303	ng		99
11) bis(2-Chloroethyl)ether	6.95	93	461660	39.423	ng		99
12) 1,3-Dichlorobenzene	7.38	146	513170	38.857	ng		97
13) 1,4-Dichlorobenzene	7.53	146	524466	39.107	ng		99
14) 1,2-Dichlorobenzene	7.83	146	511496	39.564	ng		98
15) Benzyl Alcohol	7.75	79	456625	40.278	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	385347	36.566	ng		94
17) 2-Methylphenol	7.95	107	392230	39.867	ng		95
18) Hexachloroethane	8.54	117	198700	40.423	ng		93
19) n-Nitroso-di-n-propylamine	8.31	70	414545	39.905	ng		97
20) 3+4-Methylphenols	8.28	107	535471	38.841	ng		98
22) Acetophenone	8.32	105	744148	38.894	ng		99
24) Nitrobenzene	8.70	77	587824	41.737	ng		96
25) Isophorone	9.22	82	908860	38.730	ng		98
26) 2-Nitrophenol	9.39	139	266308	38.552	ng		93
27) 2,4-Dimethylphenol	9.46	122	375584	37.726	ng		97
28) bis(2-Chloroethoxy)methane	9.70	93	596776	39.013	ng		99
29) 2,4-Dichlorophenol	9.92	162	432847	39.214	ng		97
30) 1,2,4-Trichlorobenzene	10.13	180	490507	39.067	ng		94
31) Naphthalene	10.31	128	1349627	38.176	ng		100
32) Benzoic acid	9.67	122	320245m	33.971	ng		
33) 4-Chloroaniline	10.44	127	584715	37.758	ng		97
34) Hexachlorobutadiene	10.58	225	320942	40.417	ng		98
35) Caprolactam	11.26	113	140697	33.451	ng		99
36) 4-Chloro-3-methylphenol	11.58	107	492153	37.106	ng		96
37) 2-Methylnaphthalene	11.93	142	936527	37.564	ng		98
38) 1-Methylnaphthalene	12.16	142	912884	37.524	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	551649	41.378	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	143152	30.130	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	345220	40.260	ng	96
44) 2,4,5-Trichlorophenol	12.64	196	353849	38.870	ng	94
46) 1,1'-Biphenyl	12.97	154	1383355	39.662	ng	99
47) 2-Chloronaphthalene	13.02	162	1026648	39.991	ng	99
48) 2-Nitroaniline	13.24	65	321769	40.689	ng	95
49) Acenaphthylene	13.87	152	1505188	38.907	ng	99
50) Dimethylphthalate	13.63	163	1191374	36.962	ng	100
51) 2,6-Dinitrotoluene	13.76	165	265432	37.460	ng	93
52) Acenaphthene	14.22	154	913918	38.656	ng	99
53) 3-Nitroaniline	14.09	138	269947	36.202	ng	95
54) 2,4-Dinitrophenol	14.31	184	90296	23.101	ng	94
55) Dibenzofuran	14.56	168	1463334	38.520	ng	100
56) 4-Nitrophenol	14.42	139	174989	30.952	ng	91
57) 2,4-Dinitrotoluene	14.56	165	361813	36.942	ng	89
58) Fluorene	15.22	166	1093021	37.252	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.80	232	289504	35.312	ng	98
60) Diethylphthalate	15.00	149	1269268	36.490	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	623873	37.596	ng	99
62) 4-Nitroaniline	15.27	138	241310	34.106	ng	90
63) Azobenzene	15.51	77	1256891	39.628	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	161734	29.443	ng	97
66) n-Nitrosodiphenylamine	15.44	169	1020852	41.373	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	368332	40.759	ng	99
68) Hexachlorobenzene	16.22	284	394106	39.809	ng	97
69) Atrazine	16.40	200	326265	39.168	ng	100
70) Pentachlorophenol	16.57	266	228108	34.888	ng	98
71) Phenanthrene	16.96	178	1533902	37.846	ng	99
72) Anthracene	17.05	178	1512376	37.613	ng	99
73) Carbazole	17.33	167	1443961	34.988	ng	99
74) Di-n-butylphthalate	17.90	149	1834891	36.034	ng	100
75) Fluoranthene	18.99	202	1501151	31.857	ng	99
77) Benzidine	19.20	184	599246	39.809	ng	100
78) Pyrene	19.36	202	1515239	42.839	ng	100
80) Butylbenzylphthalate	20.28	149	670484	39.846	ng	93
81) Benzo(a)anthracene	21.12	228	1324156	38.186	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	533041	38.477	ng	97
83) Chrysene	21.17	228	1279615	38.366	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	978942	39.036	ng	99
85) Di-n-octyl phthalate	21.93	149	1537687	37.440	ng	100
86) Indeno(1,2,3-cd)pyrene	25.43	276	1515364	45.611	ng	99
88) Benzo(b)fluoranthene	22.66	252	1265986	37.438	ng	99
89) Benzo(k)fluoranthene	22.70	252	1269897	37.709	ng	98
90) Benzo(a)pyrene	23.20	252	1223189	38.033	ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1290314	43.311	ng	99
92) Benzo(g,h,i)perylene	26.09	276	1243078	44.141	ng	97

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

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