Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019954.D
Acq On : 18 Apr 2019 15:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/22/2019 2:52:24 AM

Quant Time: Apr 19 00:56:13 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 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	102770	20.00	ng		-0.02
21) Naphthalene-d8	10.29	136	420341	20.00	ng		-0.02
39) Acenaphthene-d10	14.17	164	230691	20.00	ng		-0.02
64) Phenanthrene-d10	16.94	188	495304	20.00	ng		-0.02
76) Chrysene-d12	21.16	240	521283	20.00	ng		-0.02
87) Perylene-d12	23.35	264	600294	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	525268	82.83	ng		-0.02
7) Phenol-d6	6.71	99	706138	73.99	ng		-0.02
23) Nitrobenzene-d5	8.69	82	746171	79.39	ng		-0.02
42) 2,4,6-Tribromophenol	15.69	330	269395	72.55	ng		-0.02
45) 2-Fluorobiphenyl	12.79	172	1442432	77.92	ng		-0.02
79) Terphenyl-d14	19.59	244	2215281	74.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	117952	43.104	ng		99
3) Pyridine	3.50	79	331352	43.237	ng		99
4) n-Nitrosodimethylamine	3.43	42	97540	39.510	ng		93
6) Aniline	6.86	93	442478	35.897	ng		99
8) 2-Chlorophenol	7.08	128	297210	37.683	ng		98
9) Benzaldehyde	6.69	77	215417	37.739	ng		98
10) Phenol	6.73	94	385216	36.944	ng		96
11) bis(2-Chloroethyl)ether	6.96	93	275701	36.139	ng		97
12) 1,3-Dichlorobenzene	7.39	146	326031	39.376	ng		98
13) 1,4-Dichlorobenzene	7.55	146	330273	39.314	ng		98
14) 1,2-Dichlorobenzene	7.86	146	317917	38.167	ng		99
15) Benzyl Alcohol	7.77	79	302470	34.863	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	256545	35.276	ng		99
17) 2-Methylphenol	7.97	107	239628	34.724	ng		98
18) Hexachloroethane	8.56	117	128161	39.247	ng		97
19) n-Nitroso-di-n-propylamine	8.32	70	270645	32.261	ng		99
20) 3+4-Methylphenols	8.30	107	322094	33.976	ng		99
22) Acetophenone	8.35	105	439940	38.427	ng	#	99
24) Nitrobenzene	8.73	77	386705	39.716	ng		99
25) Isophorone	9.24	82	657357	35.928	ng		98
26) 2-Nitrophenol	9.43	139	158546	38.210	ng		95
27) 2,4-Dimethylphenol	9.49	122	224566	38.278	ng		99
28) bis(2-Chloroethoxy)methane	9.72	93	378294	36.923	ng		98
29) 2,4-Dichlorophenol	9.96	162	255718	38.378	ng		98
30) 1,2,4-Trichlorobenzene	10.15	180	287556	40.097	ng		100
31) Naphthalene	10.34	128	870976	38.631	ng		99
32) Benzoic acid	9.67	122	194373m	36.527	ng		
33) 4-Chloroaniline	10.49	127	339591	36.562	ng		99
34) Hexachlorobutadiene	10.59	225	171731	40.602	ng		98
35) Caprolactam	11.30	113	86170m	34.166	ng		
36) 4-Chloro-3-methylphenol	11.62	107	293910	35.500	ng		99
37) 2-Methylnaphthalene	11.96	142	597413	36.396	ng		99
38) 1-Methylnaphthalene	12.19	142	586658	36.198	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	289486	40.677	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	94478	43.694	ng	99
43) 2,4,6-Trichlorophenol	12.60	196	187144	38.787	ng	99
44) 2,4,5-Trichlorophenol	12.69	196	195887	39.008	ng	98
46) 1,1'-Biphenyl	13.00	154	784180	39.247	ng	100
47) 2-Chloronaphthalene	13.05	162	597332	39.193	ng	99
48) 2-Nitroaniline	13.29	65	212021	38.594	ng	98
49) Acenaphthylene	13.90	152	1012262	38.173	ng	100
50) Dimethylphthalate	13.65	163	763594	37.526	ng	99
51) 2,6-Dinitrotoluene	13.79	165	168444	37.435	ng	93
52) Acenaphthene	14.25	154	566729	38.545	ng	99
53) 3-Nitroaniline	14.13	138	166142	36.978	ng	99
54) 2,4-Dinitrophenol	14.37	184	78835	34.075	ng	98
55) Dibenzofuran	14.59	168	916509	38.119	ng	99
56) 4-Nitrophenol	14.48	139	107478m	33.955	ng	
57) 2,4-Dinitrotoluene	14.60	165	236265	36.529	ng	98
58) Fluorene	15.24	166	749919	36.809	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	171337	37.393	ng	99
60) Diethylphthalate	15.02	149	784715	37.079	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	361663	36.870	ng	96
62) 4-Nitroaniline	15.32	138	157991	35.690	ng	97
63) Azobenzene	15.53	77	864309	38.211	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	115788	36.639	ng	96
66) n-Nitrosodiphenylamine	15.46	169	621451	38.378	ng	99
67) 4-Bromophenyl-phenylether	16.13	248	215963	37.925	ng	98
68) Hexachlorobenzene	16.24	284	261914	38.332	ng	99
69) Atrazine	16.43	200	191298	34.800	ng	99
70) Pentachlorophenol	16.60	266	127304	36.464	ng	99
71) Phenanthrene	16.99	178	1128428	38.391	ng	99
72) Anthracene	17.08	178	1114206	38.082	ng	99
73) Carbazole	17.37	167	1056010	38.657	ng	99
74) Di-n-butylphthalate	17.91	149	1351952	37.685	ng	99
75) Fluoranthene	19.02	202	1291219	38.173	ng	100
77) Benzidine	19.24	184	498479	34.658	ng	99
78) Pyrene	19.39	202	1345152	38.966	ng	100
80) Butylbenzylphthalate	20.30	149	645682	38.580	ng	96
81) Benzo(a)anthracene	21.14	228	1339949	40.578	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	520524	42.367	ng	100
83) Chrysene	21.20	228	1300554	41.068	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	942089	37.810	ng	100
85) Di-n-octyl phthalate	21.93	149	1643828	40.659	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	1821704	58.476	ng	100
88) Benzo(b)fluoranthene	22.70	252	1420059	35.626	ng	99
89) Benzo(k)fluoranthene	22.74	252	1383875	36.878	ng	100
90) Benzo(a)pyrene	23.26	252	1348297	38.175	ng	98
91) Dibenzo(a,h)anthracene	25.56	278	1530261	44.939	ng	100
92) Benzo(g,h,i)perylene	26.23	276	1447990	46.949	ng	99

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

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