Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018675.D
Acq On : 28 Jan 2019 21:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/29/2019 10:06:55 AM

Quant Time: Jan 29 01:03:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	260891	20.00	ng		-0.02
21) Naphthalene-d8	10.52	136	1027710	20.00	ng		-0.01
39) Acenaphthene-d10	14.37	164	565889	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	1278977	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	1384842	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1396736	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1122957	79.48	ng		-0.01
7) Phenol-d6	6.90	99	1439389	80.21	ng		-0.01
23) Nitrobenzene-d5	8.89	82	1367815	77.16	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	604164	83.85	ng		-0.01
45) 2-Fluorobiphenyl	12.99	172	3347666	77.19	ng		-0.01
79) Terphenyl-d14	19.76	244	5278774	80.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	209932	36.455	ng		97
3) Pyridine	3.66	79	576648	40.165	ng		97
4) n-Nitrosodimethylamine	3.58	42	233911	39.400	ng	#	92
6) Aniline	7.06	93	835502	41.737	ng		100
8) 2-Chlorophenol	7.29	128	656470	39.782	ng		95
9) Benzaldehyde	6.88	77	368961	34.322	ng		97
10) Phenol	6.93	94	718962	39.426	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	551599	38.496	ng		95
12) 1,3-Dichlorobenzene	7.61	146	762855	38.818	ng		98
13) 1,4-Dichlorobenzene	7.76	146	767992	38.558	ng		100
14) 1,2-Dichlorobenzene	8.07	146	734592	38.895	ng		99
15) Benzyl Alcohol	7.97	79	531619	41.016	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	717610	39.190	ng		95
17) 2-Methylphenol	8.17	107	500771	40.456	ng		100
18) Hexachloroethane	8.79	117	274353	38.631	ng		95
19) n-Nitroso-di-n-propylamine	8.53	70	452029	38.706	ng		93
20) 3+4-Methylphenols	8.50	107	690830	40.428	ng		98
22) Acetophenone	8.55	105	959812	37.754	ng		98
24) Nitrobenzene	8.93	77	670015	38.411	ng		98
25) Isophorone	9.46	82	1040891	38.774	ng		97
26) 2-Nitrophenol	9.64	139	372223	44.132	ng		96
27) 2,4-Dimethylphenol	9.69	122	495812	39.219	ng		97
28) bis(2-Chloroethoxy)methane	9.93	93	709941	38.282	ng		99
29) 2,4-Dichlorophenol	10.17	162	613293	40.740	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	715514	38.293	ng		98
31) Naphthalene	10.56	128	1902215	38.433	ng		99
32) Benzoic acid	9.84	122	378970m	44.993	ng		
33) 4-Chloroaniline	10.69	127	831772	42.672	ng		98
34) Hexachlorobutadiene	10.83	225	459628	38.937	ng		98
35) Caprolactam	11.50	113	202820	39.628	ng		90
36) 4-Chloro-3-methylphenol	11.81	107	627505	39.732	ng		98
37) 2-Methylnaphthalene	12.18	142	1332354	38.100	ng		99
38) 1-Methylnaphthalene	12.40	142	1287373	38.047	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	783803	39.608	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	472087	43.467	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	502842	41.844	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	526431	41.653	ng	97
46) 1,1'-Biphenyl	13.20	154	1896378	38.380	ng	99
47) 2-Chloronaphthalene	13.25	162	1474111	38.473	ng	100
48) 2-Nitroaniline	13.47	65	388044	41.165	ng	89
49) Acenaphthylene	14.10	152	2174447	38.942	ng	100
50) Dimethylphthalate	13.84	163	1747312	37.597	ng	99
51) 2,6-Dinitrotoluene	13.97	165	389161	39.531	ng	91
52) Acenaphthene	14.44	154	1310295	38.352	ng	99
53) 3-Nitroaniline	14.30	138	413728	41.686	ng	97
54) 2,4-Dinitrophenol	14.50	184	118871	27.499	ng	92
55) Dibenzofuran	14.77	168	2141724	37.940	ng	99
56) 4-Nitrophenol	14.61	139	337266	39.336	ng	94
57) 2,4-Dinitrotoluene	14.75	165	533276	38.286	ng	100
58) Fluorene	15.43	166	1611333	38.318	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	462816	41.314	ng	97
60) Diethylphthalate	15.20	149	1768134	37.686	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	916834	37.828	ng	100
62) 4-Nitroaniline	15.47	138	406047	37.508	ng	96
63) Azobenzene	15.72	77	1489792	38.947	ng	98
65) 4,6-Dinitro-2-methylphenol	15.52	198	254050	33.055	ng	87
66) n-Nitrosodiphenylamine	15.64	169	1526740	38.483	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	555650	38.823	ng	100
68) Hexachlorobenzene	16.42	284	618205	38.583	ng	99
69) Atrazine	16.60	200	535578	37.342	ng	99
70) Pentachlorophenol	16.77	266	528319	50.347	ng	98
71) Phenanthrene	17.17	178	2580362	37.931	ng	99
72) Anthracene	17.26	178	2581115	39.456	ng	99
73) Carbazole	17.54	167	2644071	39.341	ng	99
74) Di-n-butylphthalate	18.09	149	3018973	41.008	ng	100
75) Fluoranthene	19.19	202	3097615	39.494	ng	97
77) Benzidine	19.39	184	1280344	37.444	ng	99
78) Pyrene	19.56	202	3228106	39.326	ng	100
80) Butylbenzylphthalate	20.46	149	1432003	40.883	ng	99
81) Benzo(a)anthracene	21.30	228	3180131	38.980	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	1246295	40.398	ng	99
83) Chrysene	21.36	228	3033701	38.508	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2085370	41.230	ng	99
85) Di-n-octyl phthalate	22.12	149	3533974	41.542	ng	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3498770	38.515	ng	97
88) Benzo(b)fluoranthene	22.90	252	3104666	39.153	ng	99
89) Benzo(k)fluoranthene	22.95	252	3038324	38.020	ng	98
90) Benzo(a)pyrene	23.49	252	2951499	38.879	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2966718	38.569	ng	99
92) Benzo(g,h,i)perylene	26.60	276	2883057	38.516	ng	96

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

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