Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019023.D
Acq On : 04 Mar 2019 23:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:59 PM

Quant Time: Mar 05 04:23:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	335660	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1449381	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	842408	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1810460	20.00	ng		0.00
76) Chrysene-d12	21.28	240	1427590	20.00	ng		0.00
87) Perylene-d12	23.53	264	1308376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1581973	77.22	ng		0.00
7) Phenol-d6	6.86	99	2344253	81.23	ng		0.00
23) Nitrobenzene-d5	8.85	82	2422218	77.27	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	974763	80.27	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	4970485	78.33	ng		0.00
79) Terphenyl-d14	19.72	244	6940642	100.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	313583	35.145	ng		98
3) Pyridine	3.63	79	965116	39.654	ng		99
4) n-Nitrosodimethylamine	3.55	42	252024	40.704	ng		92
6) Aniline	7.03	93	1402567	39.665	ng		99
8) 2-Chlorophenol	7.25	128	901400	40.076	ng		99
9) Benzaldehyde	6.84	77	616219	38.747	ng		99
10) Phenol	6.89	94	1218841	40.138	ng		98
11) bis(2-Chloroethyl)ether	7.12	93	928705	40.092	ng		100
12) 1,3-Dichlorobenzene	7.56	146	978748	38.699	ng		99
13) 1,4-Dichlorobenzene	7.72	146	998666	38.787	ng		99
14) 1,2-Dichlorobenzene	8.03	146	970723	39.250	ng		99
15) Benzyl Alcohol	7.93	79	935639	40.801	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	923006	41.170	ng		99
17) 2-Methylphenol	8.12	107	778969	40.304	ng		99
18) Hexachloroethane	8.74	117	369671	39.331	ng		99
19) n-Nitroso-di-n-propylamine	8.49	70	917827	41.074	ng		98
20) 3+4-Methylphenols	8.46	107	1094476	41.010	ng		99
22) Acetophenone	8.51	105	1533800	38.535	ng	#	99
24) Nitrobenzene	8.89	77	1234851	37.952	ng		98
25) Isophorone	9.41	82	1972406	39.436	ng		100
26) 2-Nitrophenol	9.59	139	536171	41.380	ng		99
27) 2,4-Dimethylphenol	9.65	122	754375	39.861	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	1255328	38.813	ng		99
29) 2,4-Dichlorophenol	10.12	162	871140	40.089	ng		100
30) 1,2,4-Trichlorobenzene	10.33	180	965937	38.490	ng		99
31) Naphthalene	10.52	128	2720460	38.486	ng		99
32) Benzoic acid	9.84	122	635832m	38.516	ng		
33) 4-Chloroaniline	10.65	127	1243178	39.343	ng		98
34) Hexachlorobutadiene	10.78	225	546371	37.509	ng		99
35) Caprolactam	11.47	113	343341m	38.715	ng		
36) 4-Chloro-3-methylphenol	11.77	107	1028231	39.246	ng		99
37) 2-Methylnaphthalene	12.13	142	1929425	38.768	ng		98
38) 1-Methylnaphthalene	12.36	142	1892335	38.883	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1043501	38.723	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	446181	32.384 ng	98
43) 2,4,6-Trichlorophenol	12.76	196	710777	39.843 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	738338	39.487 ng	99
46) 1,1'-Biphenyl	13.16	154	2815422	38.827 ng	100
47) 2-Chloronaphthalene	13.20	162	2175337	38.840 ng	100
48) 2-Nitroaniline	13.43	65	747426	40.181 ng	99
49) Acenaphthylene	14.06	152	3240421	38.856 ng	99
50) Dimethylphthalate	13.80	163	2653214	37.792 ng	100
51) 2,6-Dinitrotoluene	13.93	165	595376	39.148 ng	95
52) Acenaphthene	14.40	154	1954049	38.212 ng	99
53) 3-Nitroaniline	14.27	138	641688	37.343 ng	99
54) 2,4-Dinitrophenol	14.47	184	295736	34.201 ng	95
55) Dibenzofuran	14.73	168	3180566	37.841 ng	99
56) 4-Nitrophenol	14.57	139	504478	36.777 ng	98
57) 2,4-Dinitrotoluene	14.72	165	828068	39.518 ng	98
58) Fluorene	15.39	166	2467621	38.376 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	617436	37.358 ng	99
60) Diethylphthalate	15.17	149	2695956	37.226 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1374412	38.122 ng	98
62) 4-Nitroaniline	15.44	138	608370	36.113 ng	98
63) Azobenzene	15.67	77	2980437	38.383 ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	469578	36.941 ng	99
66) n-Nitrosodiphenylamine	15.60	169	2313622	40.448 ng	99
67) 4-Bromophenyl-phenylether	16.28	248	814329	40.184 ng	97
68) Hexachlorobenzene	16.38	284	936930	39.776 ng	98
69) Atrazine	16.56	200	592972	32.156 ng	99
70) Pentachlorophenol	16.73	266	579572	38.214 ng	99
71) Phenanthrene	17.13	178	3695057	37.977 ng	100
72) Anthracene	17.22	178	3672262	38.777 ng	99
73) Carbazole	17.50	167	3671943	37.112 ng	99
74) Di-n-butylphthalate	18.05	149	4545755	39.949 ng	100
75) Fluoranthene	19.15	202	3846128	34.221 ng	98
77) Benzidine	19.35	184	1621902	50.446 ng	100
78) Pyrene	19.52	202	3934259	47.450 ng	99
80) Butylbenzylphthalate	20.42	149	1884811	49.880 ng	97
81) Benzo(a)anthracene	21.27	228	3173319	38.133 ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	1266233	38.501 ng	100
83) Chrysene	21.32	228	3016973	37.825 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2677977	48.422 ng	99
85) Di-n-octyl phthalate	22.07	149	3908064	42.044 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	3362489	36.513 ng	100
88) Benzo(b)fluoranthene	22.85	252	2865568	38.280 ng	100
89) Benzo(k)fluoranthene	22.90	252	2810862	37.717 ng	99
90) Benzo(a)pyrene	23.43	252	2699946	38.074 ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2866394	40.798 ng	99
92) Benzo(g,h,i)perylene	26.50	276	2723748	41.643 ng	99

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

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