Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026411.D
Acq On : 16 Jun 2020 12:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/18/2020 11:52:28 AM

Quant Time: Jun 16 13:49:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 10:23:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	100416	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	409933	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	249050	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	532025	20.00	ng		0.00
76) Chrysene-d12	21.02	240	573830	20.00	ng		0.00
86) Perylene-d12	23.10	264	593406	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	448508	78.97	ng		0.00
7) Phenol-d6	6.60	99	644537	78.37	ng		0.00
23) Nitrobenzene-d5	8.55	82	681886	81.67	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	246083	81.57	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	1349003	82.22	ng		0.00
79) Terphenyl-d14	19.46	244	2193214	74.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	103681	40.490	ng		98
3) Pyridine	3.40	79	293877	39.074	ng		97
4) n-Nitrosodimethylamine	3.32	42	149803	40.228	ng		89
6) Aniline	6.75	93	415388	38.507	ng		97
8) 2-Chlorophenol	6.98	128	258608	39.476	ng		99
9) Benzaldehyde	6.56	77	178888	34.112	ng		98
10) Phenol	6.63	94	338653	38.666	ng		97
11) bis(2-Chloroethyl)ether	6.85	93	267884	37.973	ng		97
12) 1,3-Dichlorobenzene	7.29	146	287426	39.629	ng		100
13) 1,4-Dichlorobenzene	7.43	146	291266	39.426	ng		99
14) 1,2-Dichlorobenzene	7.75	146	284870	39.474	ng		97
15) Benzyl Alcohol	7.65	79	264068	37.812	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	510472	38.745	ng		99
17) 2-Methylphenol	7.86	107	245523	38.355	ng		97
18) Hexachloroethane	8.46	117	113247	40.476	ng		98
19) n-Nitroso-di-n-propylamine	8.21	70	242087	37.774	ng		97
20) 3+4-Methylphenols	8.19	107	335878	38.497	ng		97
22) Acetophenone	8.22	105	424008	40.225	ng	#	94
24) Nitrobenzene	8.59	77	350725	40.129	ng		99
25) Isophorone	9.12	82	621330	39.613	ng		99
26) 2-Nitrophenol	9.29	139	139911	40.450	ng		95
27) 2,4-Dimethylphenol	9.37	122	218722	40.056	ng		96
28) bis(2-Chloroethoxy)methane	9.60	93	351679	39.520	ng		99
29) 2,4-Dichlorophenol	9.82	162	240484	40.140	ng		98
30) 1,2,4-Trichlorobenzene	10.03	180	269612	41.039	ng		99
31) Naphthalene	10.20	128	818281	39.611	ng		99
32) Benzoic acid	9.54	122	133829m	32.363	ng		
33) 4-Chloroaniline	10.33	127	350126	38.860	ng		99
34) Hexachlorobutadiene	10.50	225	174152	41.990	ng		96
35) Caprolactam	11.12	113	80847	38.410	ng		97
36) 4-Chloro-3-methylphenol	11.47	107	281610	38.575	ng		98
37) 2-Methylnaphthalene	11.83	142	576104	39.135	ng		99
38) 1-Methylnaphthalene	12.06	142	548551	39.337	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	296965	41.889	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	184565	44.177 ng	99
43) 2,4,6-Trichlorophenol	12.47	196	197160	41.088 ng	98
44) 2,4,5-Trichlorophenol	12.55	196	226768	40.713 ng	99
46) 1,1'-Biphenyl	12.87	154	706072	40.438 ng	99
47) 2-Chloronaphthalene	12.91	162	577161	40.696 ng	100
48) 2-Nitroaniline	13.13	65	227732	40.516 ng	99
49) Acenaphthylene	13.77	152	908451	40.049 ng	99
50) Dimethylphthalate	13.53	163	724798	39.789 ng	99
51) 2,6-Dinitrotoluene	13.65	165	157452	39.390 ng	96
52) Acenaphthene	14.12	154	544017	39.949 ng	98
53) 3-Nitroaniline	13.97	138	169632	38.109 ng	99
54) 2,4-Dinitrophenol	14.19	184	81495	33.545 ng	95
55) Dibenzofuran	14.46	168	884846	40.327 ng	100
56) 4-Nitrophenol	14.31	139	127641	36.161 ng	98
57) 2,4-Dinitrotoluene	14.45	165	220474	39.669 ng	96
58) Fluorene	15.11	166	710389	39.860 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.70	232	188834	39.636 ng	100
60) Diethylphthalate	14.91	149	735775	39.655 ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	382422	40.454 ng	98
62) 4-Nitroaniline	15.15	138	184223	38.809 ng	95
63) Azobenzene	15.41	77	817114	40.251 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	120302	37.185 ng	99
66) n-Nitrosodiphenylamine	15.33	169	610239	39.594 ng	100
67) 4-Bromophenyl-phenylether	16.01	248	237272	40.513 ng	98
68) Hexachlorobenzene	16.12	284	245563	40.181 ng	98
69) Atrazine	16.30	200	186515	40.507 ng	99
70) Pentachlorophenol	16.47	266	142153	38.626 ng	98
71) Phenanthrene	16.85	178	1106999	39.956 ng	100
72) Anthracene	16.94	178	1108933	40.105 ng	100
73) Carbazole	17.22	167	1049147	40.011 ng	99
74) Di-n-butylphthalate	17.80	149	1275776	41.256 ng	99
75) Fluoranthene	18.87	202	1306634	41.136 ng	100
77) Benzidine	19.08	184	497213	41.715 ng	100
78) Pyrene	19.24	202	1345793	35.495 ng	100
80) Butylbenzylphthalate	20.17	149	591430	38.574 ng	99
81) Benzo(a)anthracene	21.00	228	1368909	39.743 ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	470115	44.116 ng	99
83) Chrysene	21.06	228	1308301	39.859 ng	100
84) Bis(2-ethylhexyl)phthalate	20.96	149	884591	40.463 ng	100
85) Di-n-octyl phthalate	21.81	149	1518281	45.019 ng	100
87) Indeno(1,2,3-cd)pyrene	25.15	276	1558887	45.413 ng	100
88) Benzo(b)fluoranthene	22.50	252	1390214	38.945 ng	99
89) Benzo(k)fluoranthene	22.53	252	1316635	37.965 ng	100
90) Benzo(a)pyrene	23.02	252	1271715	40.112 ng	100
91) Dibenzo(a,h)anthracene	25.16	278	1304010	45.504 ng	100
92) Benzo(g,h,i)perylene	25.76	276	1262481	46.295 ng	100

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

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