Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026407.D
Acq On : 16 Jun 2020 08:53
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 16 10:25:07 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	90170	20.00	ng	0.00
21) Naphthalene-d8	10.16	136	376691	20.00	ng	0.00
39) Acenaphthene-d10	14.05	164	233169	20.00	ng	0.00
64) Phenanthrene-d10	16.81	188	496520	20.00	ng	0.00
76) Chrysene-d12	21.02	240	530917	20.00	ng	0.00
86) Perylene-d12	23.11	264	549695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	404548	79.32	ng	0.00
7) Phenol-d6	6.60	99	576530	78.07	ng	0.00
23) Nitrobenzene-d5	8.55	82	605727	78.95	ng	0.00
42) 2,4,6-Tribromophenol	15.56	330	227446	80.53	ng	0.00
45) 2-Fluorobiphenyl	12.66	172	1245504	81.08	ng	0.00
79) Terphenyl-d14	19.46	244	2006048	73.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	91353	39.730	ng	98
3) Pyridine	3.40	79	267440	39.600	ng	98
4) n-Nitrosodimethylamine	3.32	42	129030	38.587	ng	95
6) Aniline	6.75	93	376213	38.838	ng	98
8) 2-Chlorophenol	6.98	128	231952	39.431	ng	99
9) Benzaldehyde	6.56	77	157374	33.420	ng	99
10) Phenol	6.63	94	307593	39.110	ng	98
11) bis(2-Chloroethyl)ether	6.85	93	244008	38.519	ng	97
12) 1,3-Dichlorobenzene	7.29	146	258435	39.681	ng	99
13) 1,4-Dichlorobenzene	7.43	146	262901	39.630	ng	99
14) 1,2-Dichlorobenzene	7.75	146	255488	39.426	ng	97
15) Benzyl Alcohol	7.65	79	238551	38.039	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	447196	37.799	ng	99
17) 2-Methylphenol	7.86	107	225334	39.201	ng	99
18) Hexachloroethane	8.46	117	99168	39.472	ng	98
19) n-Nitroso-di-n-propylamine	8.21	70	218403	37.951	ng	100
20) 3+4-Methylphenols	8.19	107	306326	39.099	ng	100
22) Acetophenone	8.22	105	384125	39.657	ng	99
24) Nitrobenzene	8.59	77	318165	39.616	ng	99
25) Isophorone	9.12	82	565361	39.225	ng	100
26) 2-Nitrophenol	9.29	139	127855	40.226	ng	95
27) 2,4-Dimethylphenol	9.37	122	200081	39.875	ng	97
28) bis(2-Chloroethoxy)methane	9.60	93	313928	38.391	ng	99
29) 2,4-Dichlorophenol	9.82	162	221100	40.161	ng	98
30) 1,2,4-Trichlorobenzene	10.03	180	243611	40.354	ng	97
31) Naphthalene	10.20	128	746303	39.315	ng	100
32) Benzoic acid	9.53	122	110006	29.494	ng	95
33) 4-Chloroaniline	10.33	127	321499	38.831	ng	99
34) Hexachlorobutadiene	10.50	225	156523	41.070	ng	98
35) Caprolactam	11.12	113	76427	39.514	ng	97
36) 4-Chloro-3-methylphenol	11.47	107	263056	39.213	ng	98
37) 2-Methylnaphthalene	11.83	142	529981	39.179	ng	99
38) 1-Methylnaphthalene	12.06	142	502506	39.215	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	271760	40.944	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	125138	31.993 ng	99
43) 2,4,6-Trichlorophenol	12.47	196	183743	40.900 ng	94
44) 2,4,5-Trichlorophenol	12.55	196	208917	40.063 ng	99
46) 1,1'-Biphenyl	12.87	154	652566	39.919 ng	99
47) 2-Chloronaphthalene	12.91	162	529382	39.869 ng	99
48) 2-Nitroaniline	13.13	65	206262	39.196 ng	99
49) Acenaphthylene	13.77	152	846430	39.856 ng	99
50) Dimethylphthalate	13.53	163	671058	39.347 ng	99
51) 2,6-Dinitrotoluene	13.65	165	147577	39.434 ng	96
52) Acenaphthene	14.12	154	502661	39.426 ng	99
53) 3-Nitroaniline	13.97	138	163031	39.121 ng	98
54) 2,4-Dinitrophenol	14.19	184	73629	32.372 ng	99
55) Dibenzofuran	14.46	168	808772	39.371 ng	100
56) 4-Nitrophenol	14.31	139	120955	36.600 ng	98
57) 2,4-Dinitrotoluene	14.45	165	207634	39.903 ng	98
58) Fluorene	15.11	166	663311	39.754 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	178009	39.909 ng	99
60) Diethylphthalate	14.91	149	682000	39.261 ng	99
61) 4-Chlorophenyl-phenylether	15.12	204	349416	39.480 ng	99
62) 4-Nitroaniline	15.15	138	171868	38.672 ng	97
63) Azobenzene	15.41	77	738297	38.845 ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	110155	36.483 ng	99
66) n-Nitrosodiphenylamine	15.33	169	574033	39.908 ng	99
67) 4-Bromophenyl-phenylether	16.01	248	218950	40.058 ng	99
68) Hexachlorobenzene	16.12	284	231022	40.505 ng	97
69) Atrazine	16.30	200	176143	40.990 ng	99
70) Pentachlorophenol	16.47	266	129656	37.749 ng	98
71) Phenanthrene	16.85	178	1025565	39.664 ng	99
72) Anthracene	16.94	178	1029123	39.880 ng	99
73) Carbazole	17.22	167	980607	40.071 ng	100
74) Di-n-butylphthalate	17.80	149	1173226	40.653 ng	100
75) Fluoranthene	18.87	202	1221813	41.216 ng	100
77) Benzidine	19.08	184	453144	41.090 ng	99
78) Pyrene	19.24	202	1258697	35.881 ng	99
80) Butylbenzylphthalate	20.17	149	544343	38.373 ng	99
81) Benzo(a)anthracene	21.00	228	1254958	39.380 ng	99
82) 3,3'-Dichlorobenzidine	20.94	252	437722	44.396 ng	100
83) Chrysene	21.06	228	1213903	39.972 ng	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	814732	40.279 ng	99
85) Di-n-octyl phthalate	21.81	149	1386164	44.424 ng	100
87) Indeno(1,2,3-cd)pyrene	25.15	276	1441812	45.343 ng	99
88) Benzo(b)fluoranthene	22.50	252	1248825	37.766 ng	99
89) Benzo(k)fluoranthene	22.54	252	1227268	38.202 ng	99
90) Benzo(a)pyrene	23.02	252	1169166	39.810 ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1193501	44.959 ng	99
92) Benzo(g,h,i)perylene	25.77	276	1153330	45.656 ng	98

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

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